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LOCKHEED MARTIN

DATE: April 9, 2008
TO: R. Singhvi, EPA/ERT Analytical Work Assignment Manager
FROM: V. Kansal, REAC Analytical Section Leader *Vinod Kansal*
SUBJECT: DOCUMENT TRANSMITTAL UNDER WORK ASSIGNMENT # 0-289

Attached please find the following document prepared under this work assignment:

Highway 7 & Wooddale Avenue - Analytical Report

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Central File	WA # 0-289 (w/attachment)

ANALYTICAL REPORT

Prepared by
LOCKHEED MARTIN, Inc.

Highway 7 & Wooddale Avenue
Saint Louis Park, MN

April 2008

EPA Work Assignment No. 0-289
LOCKHEED MARTIN Work Order EAC0289
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Submitted to
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Introduction

REAC, in response to WA# 0-289, provided analytical support for environmental samples collected from the Highway 7 and Wooddale Avenue Site located in Saint Louis Park, MN, as described in the following table. The support also included QA/QC, data review and preparation of an analytical report containing analytical and QA/QC results.

COC #	Number of Samples	Sampling Date	Date Received	Matrix	Analysis/Method	Laboratory	Data Package			
HWY7-01/31/08-0001	4	01/29/08	02/04/08	Air	VOC/ TO-15 LL	CAS ¹	T 069			
HWY7-02/01/08-0002	4									
HWY7-02/01/08-0003	4	01/30/08								
HWY7-02/01/08-0004	2	01/29/08								
	2	01/30/08								
HWY7-02/01/08-0005	4									
HWY7-02/02/08-0006	4									
HWY7-02/02/08-0007	3	01/29/08								
	1	02/01/08								
HWY7-02/02/08-0008	3	01/31/08								
	1	02/01/08								
HWY7-02/02/08-0009	2		02/02/08	Trip Blank	VOC/ TO-15 SIM	T 072				
	1									
	1									
HWY7-02/06/08-0010	4	02/06/08	02/07/08	Air						
HWY7-02/06/08-0011	4									
HWY7-02/06/08-0012	4									
HWY7-02/06/08-0013	4									
HWY7-02/06/08-0014	4									
HWY7-02/06/08-0015	3									
	1									
HWY7-02/06/08-0016	3			Air						

COC #	Number of Samples	Sampling Date	Date Received	Matrix	Analysis/Method	Laboratory	Data Package							
HWY7-02/07/08-0017	4	02/07/08	02/08/08	Air	VOC/ TO-15 SIM	CAS ¹	T 073							
HWY7-02/07/08-0018	4													
HWY7-02/07/08-0019	4													
HWY7-02/07/08-0020	4													
HWY7-02/07/08-0021	4													
HWY7-02/07/08-0022	4													
HWY7-02/07/08-0023	4													
HWY7-02/07/08-0024	2			Trip Blank										
	1													
HWY7-02/08/08-0025	4	02/08/08	02/11/08	Air	VOC/ TO-15 LL	T 081								
HWY7-02/08/08-0026	4													
HWY7-02/08/08-0027	4													
HWY7-02/08/08-0028	4													
HWY7-02/08/08-0029	4													
HWY7-02/08/08-0030	3			Trip Blank										
	1													
HWY7-02/09/08-0031	4			Air										
HWY7-02/09/08-0032	4													
HWY7-02/09/08-0033	1													
	3	02/09/08	02/12/08											
HWY7-02/09/08-0034	4													
HWY7-02/09/08-0035	4													
HWY7-02/09/08-0036	3													
HWY7-02/11/08-0037	4		VOC/ TO-15 SIM			T 082								
HWY7-02/11/08-0038	4													
HWY7-02/11/08-0039	4													
HWY7-02/11/08-0040	4													
HWY7-02/11/08-0041	1		Trip Blank											
	1													

COC #	Number of Samples	Sampling Date	Date Received	Matrix	Analysis/Method	Laboratory	Data Package
HWY7-02/12/08-0042	4	02/12/08	02/13/08	Air	VOC/TO-15 SIM	CAS ¹	T 094
HWY7-02/12/08-0043	4						
HWY7-02/12/08-0044	4						
HWY7-02/12/08-0045	4						
HWY7-02/12/08-0046	3			Trip Blank			
	1						
HWY7-02/12/08-0047	4			Air			
HWY7-02/12/08-0048	4						
HWY7-02/12/08-0049	4						
HWY7-02/12/08-0050	4						
HWY7-02/12/08-0051	3						

¹ CAS, Columbia Analytical Services, is NELAC certified for TO-15 analysis.

Case Narrative

The laboratory reported the data to two significant figures. Any other representation of the data is the responsibility of the user. All data validation flags have been inserted into the results tables. At the request of the WAM, the laboratory reported only nine chlorinated compounds for the TO-15 analysis.

VOC in Air Package T 069

Samples 40783 and 40800 were analyzed at dilutions due to the high concentrations of target compounds (tetrachloroethene, trichloroethene and cis-1,2-dichloroethene) found in these samples. The RLs for these samples have been elevated accordingly.

VOC in Air Packages T 072 & T 094

The data packages were examined and found to be acceptable.

VOC in Air Package T 073

Benzene failed the percent RSD criterion for the initial calibration of 02/06/08 (MSD7). In the professional judgment of the validator, the concentrations of benzene in samples 40983, 40984, 40985, 40987, 40988, 40977, 40978, 40980, 40981, 40990, 40991, 40993, 40994, 40995, 40998, 40999, 41153, 41154, 41156 and 41157 are qualified estimated (J).

The concentration of cis-1,2-dichloroethene in sample 40988 exceeded the linear calibration range. The concentration of cis-1,2-dichloroethene in sample 40988 is qualified estimated (J).

VOC in Air Package T 082

The trip blank (43675) was not received under complete vacuum and contained 1,1-dichloroethene, cis-1,2-dichloroethene, 1,1,1-trichloroethene, benzene, trichloroethene and tetrachloroethene above the RL. The following compounds are qualified as non-detect (U) and their RLs have been raised to the level of contamination for the following samples:

- 1,1,1-Trichloroethane in samples 43210 through 43214, 43217, 43219, 43320 and 43669 through 43674,
- Benzene in samples 43211, 43212, 43214, 43670, 43671, 43673 and 43674,
- Trichloroethene in samples 43211 and 43212, and
- Tetrachloroethene in samples 43211, 43212, 43214, 43216, 43217, 43219, 43220, 43670, 43671, 43673 and 43674.

Benzene failed the %RSD criteria for the initial calibration of 2/6/08. In the professional judgment of the validator, benzene is qualified estimated (J) for samples 43216, 43217, 43219, 43220 and 43675.

VOC in Air Package T 081

Samples 43208 and 43209 were analyzed at dilutions due to the high concentrations of non-target compounds. The RLs for these samples are raised.

Due to low sample volume, sample 43175 was analyzed in SIM mode to achieve the requested RL.

Benzene failed the percent RSD criterion for the initial calibration of 02/06/08 (MSD7). In the professional judgment of the validator, the concentration of benzene in sample 43175 is qualified estimated (J).

cis-1,2-Dichloroethene was above the percent RPD criterion of the method for the duplicate analysis of sample 41162. The cis-1,2-dichloroethene result in sample 41162 is qualified estimated (J).

Summary of Abbreviations

BFB	Bromofluorobenzene
C	Centigrade
CLP	Contract Laboratory Program
COC	Chain of Custody
conc	concentration
cont	continued
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
D	(Surrogate Table) value is from a diluted sample and was not calculated
Dioxin	Polychlorinated dibenzo-p-dioxins (PCDD) and Polychlorinated dibenzofurans (PCDF)
DFTPP	Decafluorotriphenylphosphine
EMPC	Estimated maximum possible concentration
GC/MS	Gas Chromatography/ Mass Spectrometry
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MDA	Minimum Detectable Activity
MS (BS)	Matrix Spike (Blank Spike)
MSD (BSD)	Matrix Spike Duplicate (Blank Spike Duplicate)
MW	Molecular Weight
NA	Not Applicable or Not Available
NAD	Normalized Absolute Difference
NC	Not Calculated
NR	Not Requested/Not Reported
NS	Not Spiked
% D	Percent Difference
% REC	Percent Recovery
SOP	Standard Operating Procedure
ppbv	parts per billion by volume
ppm	parts per million
pptv	parts per trillion by volume
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
QL	Quantitation Limit
REAC	Response Engineering and Analytical Contract
RL	Reporting Limit
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
SIM	Selected Ion Monitoring
Sur	Surrogate
TIC	Tentatively Identified Compound
TCLP	Toxicity Characteristic Leaching Procedure
VOC	Volatile Organic Compound
*	Value exceeds the acceptable QC limits.

m ³	cubic meter	g	gram	kg	kilogram	L	liter
µg	microgram	µL	microliter	mg	milligram	mL	milliliter
ng	nanogram	pg	picogram	pCi	picocurie	s	sigma

Data Validation Flags

J	Value is estimated	R	Value is unusable
J+	Value is estimated high (metals only)	U	Not detected
J-	Value is estimated low (metals only)	UJ	Not detected and RL is estimated

Rev. 02/05/08

Summary of Abbreviations

BFB	Bromofluorobenzene
C	Centigrade
CLP	Contract Laboratory Program
COC	Chain of Custody
conc	concentration
cont	continued
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
D	(Surrogate Table) value is from a diluted sample and was not calculated
Dioxin	Polychlorinated dibenzo-p-dioxins (PCDD) and Polychlorinated dibenzofurans (PCDF)
DFTPP	Decafluorotriphenylphosphine
EMPC	Estimated maximum possible concentration
GC/MS	Gas Chromatography/ Mass Spectrometry
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MDA	Minimum Detectable Activity
MS (BS)	Matrix Spike (Blank Spike)
MSD (BSD)	Matrix Spike Duplicate (Blank Spike Duplicate)
MW	Molecular Weight
NA	Not Applicable or Not Available
NAD	Normalized Absolute Difference
NC	Not Calculated
NR	Not Requested/Not Reported
NS	Not Spiked
% D	Percent Difference
% REC	Percent Recovery
SOP	Standard Operating Procedure
ppbv	parts per billion by volume
ppm	parts per million
pptv	parts per trillion by volume
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
QL	Quantitation Limit
REAC	Response Engineering and Analytical Contract
RL	Reporting Limit
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
SIM	Selected Ion Monitoring
Sur	Surrogate
TIC	Tentatively Identified Compound
TCLP	Toxicity Characteristic Leaching Procedure
VOC	Volatile Organic Compound
*	Value exceeds the acceptable QC limits.

m ³	cubic meter	g	gram	kg	kilogram	L	liter
µg	microgram	µL	microliter	mg	milligram	mL	milliliter
ng	nanogram	pg	picogram	pCi	picocurie	s	sigma

Data Validation Flags

J	Value is estimated	R	Value is unusable
J+	Value is estimated high (metals only)	U	Not detected
J-	Value is estimated low (metals only)	UJ	Not detected and RL is estimated

Rev. 02/05/08

Section I

Table 1.1a .Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15LL

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Sample Number	2/8/2008	40773		40772		40771		40770		
Sample Location	Method Blank	0027	Sub-slab	0101	Sub-slab	0066	Sub-slab	0053	Sub-slab	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U 0.039		U 0.061		U 0.061		U 0.063		U 0.058	
1,1-Dichloroethene (1,1-DCE)	U 0.025		U 0.039		U 0.040		U 0.040		U 0.038	
trans-1,2-Dichloroethene	U 0.025		U 0.039		U 0.040		U 0.040		U 0.038	
1,1-Dichloroethane (1,1-DCA)	U 0.025		U 0.039		U 0.039		U 0.040		U 0.037	
cis-1,2-Dichloroethene	U 0.025		U 0.039		U 0.040		U 0.040		U 0.038	
1,1,1-Trichloroethane (TCA)	U 0.018	0.11	0.029	0.14	0.029	0.038	0.029	0.049	0.027	
Benzene	U 0.031	0.22	0.049	U 0.049		U 0.050		U 0.047		
Trichloroethene (TCE)	U 0.019	0.21	0.029	0.98	0.029	U 0.030	0.056	0.028		
Tetrachloroethene (PCE)	U 0.015	5.5	0.023	4.1	0.023	3.9	0.024	0.11	0.022	

Table 1.1a (cont)\ Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15LL

Sample Number	40766	40767		40768		40769		40777		
Sample Location	0060	0060	Sub-slab	0054	Sub-slab	0054	Ambient	0032	Sub-slab	
Analyte	Result ppbv	RL ppbv								
Vinyl Chloride	U 0.045		U 0.060		U 0.064		U 0.061		U 0.060	
1,1-Dichloroethene (1,1-DCE)	U 0.029	0.96	0.039	U 0.041		U 0.039		U 0.039		
trans-1,2-Dichloroethene	U 0.029	0.053	0.039	U 0.041		U 0.039		U 0.039		
1,1-Dichloroethane (1,1-DCA)	0.15	0.028	0.16	0.038	U 0.040		U 0.039		U 0.038	
cis-1,2-Dichloroethene	0.087	0.029	0.79	0.039	U 0.041		U 0.039		U 0.039	
1,1,1-Trichloroethane (TCA)	0.35	0.021	1.5	0.028	0.067	0.030	U 0.029	0.032	0.028	
Benzene	U 0.036	0.12	0.048	U 0.051	0.23	0.049	U 0.048			
Trichloroethene (TCE)	0.85	0.021	14	0.028	U 0.030	U 0.029	0.14	0.028		
Tetrachloroethene (PCE)	5.8	0.017	11	0.023	0.45	0.024	0.057	0.023	0.97	0.023

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15LL

Sample Number	40778	40779		40780		40774		40775		
Sample Location	0128	0077	0234	Sub-slab	Sub-slab	0008	Sub-slab	0026	Sub-slab	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U 0.059		U 0.060		U 0.055		U 0.064		U 0.060	
1,1-Dichloroethene (1,1-DCE)	U 0.038		U 0.039		U 0.035		U 0.041		U 0.039	
trans-1,2-Dichloroethene	U 0.038		U 0.039		U 0.035		U 0.041		U 0.039	
1,1-Dichloroethane (1,1-DCA)	U 0.037		U 0.038		U 0.035		U 0.041		U 0.038	
cis-1,2-Dichloroethene	U 0.038		U 0.039		U 0.035		U 0.041		U 0.039	
1,1,1-Trichloroethane (TCA)	6.3	0.028	U 0.028	0.044	0.026	0.040	0.030	0.055	0.028	
Benzene	U 0.047		U 0.048		U 0.044		U 0.051		U 0.048	
Trichloroethene (TCE)	U 0.028		U 0.029		U 0.026		U 0.031		U 0.028	
Tetrachloroethene (PCE)	0.19	0.022	0.37	0.023	0.26	0.021	0.14	0.024	0.29	0.023

**Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue**

Method TO-15LL

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Sample Number	40776	40781	40800	
Sample Location	0072	0234	0018	
Sublocation	Sub-slab	Ambient	Sub-slab	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U 0.061	U 0.059	37 0.61	
1,1-Dichloroethene (1,1-DCE)	U 0.040	U 0.038	45 0.39	
trans-1,2-Dichloroethene	U 0.040	U 0.038	66 0.39	
1,1-Dichloroethane (1,1-DCA)	U 0.039	U 0.037	0.56 0.39	
cis-1,2-Dichloroethene	U 0.040	U 0.038	640 0.98	
1,1,1-Trichloroethane (TCA)	0.035 0.029	U 0.028	U 0.29	
Benzene	U 0.049	0.22 0.047	U 0.49	
Trichloroethene (TCE)	U 0.029	U 0.028	120 0.29	
Tetrachloroethene (PCE)	0.45 0.023	0.041 0.022	170 0.23	

**Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue**

Method TO-15LL

Sample Number	2/11/2008	40801	40802	40803	40805
Sample Location	Method Blank	0191	0042	0089	0011
Sublocation	Sub-slab	Sub-slab	Sub-slab	Sub-slab	Sub-slab
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv
Vinyl Chloride	U 0.039	U 0.054	U 0.060	U 0.060	U 0.059
1,1-Dichloroethene (1,1-DCE)	U 0.025	U 0.035	U 0.039	U 0.039	U 0.038
trans-1,2-Dichloroethene	U 0.025	U 0.035	U 0.039	U 0.039	U 0.038
1,1-Dichloroethane (1,1-DCA)	U 0.025	U 0.034	U 0.038	U 0.038	U 0.038
cis-1,2-Dichloroethene	U 0.025	U 0.035	U 0.039	U 0.039	U 0.038
1,1,1-Trichloroethane (TCA)	U 0.018 0.030	0.025 0.089	0.028 0.028	U 0.028	U 0.028
Benzene	U 0.031	U 0.044	U 0.048	U 0.048	U 0.048
Trichloroethene (TCE)	U 0.019	U 0.026	2.3 0.028	U 0.028	U 0.028
Tetrachloroethene (PCE)	U 0.015	0.29 0.021	4.2 0.023	0.32 0.023	0.081 0.022

**Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue**

Method TO-15LL

Sample Number	40782	40797	40799	40793	40793A
Sample Location	0138	0049	0033	0088	0088
Sublocation	Sub-slab	Sub-slab	Sub-slab	Sub-slab	Ambient
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv
Vinyl Chloride	U 0.055	U 0.064	U 0.060	U 0.057	U 0.068
1,1-Dichloroethene (1,1-DCE)	U 0.036	U 0.041	U 0.039	U 0.037	U 0.044
trans-1,2-Dichloroethene	U 0.036	2.0 0.041	U 0.039	U 0.037	U 0.044
1,1-Dichloroethane (1,1-DCA)	U 0.035	0.060 0.040	U 0.038	0.037 0.036	U 0.043
cis-1,2-Dichloroethene	U 0.036	6.5 0.041	U 0.039	0.080 0.037	U 0.044
1,1,1-Trichloroethane (TCA)	U 0.026	0.042 0.030	0.029 0.028	0.044 0.027	U 0.032
Benzene	0.065 0.044	0.076 0.051	0.069 0.048	0.053 0.045	0.32 0.054
Trichloroethene (TCE)	U 0.026	42 0.30	U 0.029	0.071 0.027	U 0.032
Tetrachloroethene (PCE)	5.2 0.021	87 0.24	0.16 0.023	2.9 0.021	0.076 0.026

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15LL		Page 3 of 18								
Sample Number	40795	40808		40804		40806		40807		
Sample Location	0083	0308		0009		0119		0252		
Sublocation	Sub-slab	Sub-slab		Sub-slab		Sub-slab		Sub-slab		
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.053	U	0.062	U	0.058	U	0.056	U	0.049
1,1-Dichloroethene (1,1-DCE)	U	0.034	U	0.040	U	0.037	U	0.036	U	0.031
trans-1,2-Dichloroethene	U	0.034	U	0.040	0.076	0.037	0.056	0.036	U	0.031
1,1-Dichloroethane (1,1-DCA)	U	0.033	U	0.039	U	0.037	U	0.035	U	0.031
cis-1,2-Dichloroethene	0.11	0.034	U	0.040	U	0.037	0.094	0.036	U	0.031
1,1,1-Trichloroethane (TCA)	0.028	0.025	0.27	0.029	0.047	0.027	U	0.026	0.086	0.023
Benzene	U	0.042	U	0.049	U	0.046	0.047	0.045	1.7	0.039
Trichloroethene (TCE)	0.076	0.025	4.0	0.029	3.4	0.028	2.3	0.027	0.19	0.023
Tetrachloroethene (PCE)	3.5	0.020	0.78	0.023	8.4	0.022	6.4	0.021	1.2	0.018

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15LL										
Sample Number	2/12/2008	40784		40798		40783		40796		
Sample Location	Method Blank	Trip Blank		0035		0320		0139		
Sublocation				Sub-slab			Sub-slab		Sub-slab	
Analyte	Result ppbv	RL ppbv								
Vinyl Chloride	U	0.039	U	0.039	U	0.066	U	6.1	U	0.060
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.025	U	0.043	3.9	3.9	U	0.039
trans-1,2-Dichloroethene	U	0.025	U	0.025	U	0.043	U	3.9	U	0.039
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.025	U	0.042	U	3.9	U	0.038
cis-1,2-Dichloroethene	U	0.025	U	0.025	U	0.043	3400	3.9	U	0.039
1,1,1-Trichloroethane (TCA)	U	0.018	U	0.018	0.033	0.031	U	2.9	0.057	0.028
Benzene	U	0.031	U	0.031	0.055	0.053	U	4.9	0.14	0.048
Trichloroethene (TCE)	U	0.019	U	0.019	U	0.031	250	2.9	1.5	0.028
Tetrachloroethene (PCE)	U	0.015	U	0.015	0.27	0.025	1700	2.3	0.70	0.023

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15LL		
Sample Number	40796A	
Sample Location	0139	
Sublocation	Ambient	
Analyte	Result ppbv	RL ppbv
Vinyl Chloride	U	0.059
1,1-Dichloroethene (1,1-DCE)	U	0.038
trans-1,2-Dichloroethene	U	0.038
1,1-Dichloroethane (1,1-DCA)	U	0.038
cis-1,2-Dichloroethene	U	0.038
1,1,1-Trichloroethane (TCA)	U	0.028
Benzene	0.38	0.048
Trichloroethene (TCE)	U	0.028
Tetrachloroethene (PCE)	0.080	0.022

Table 1.1a Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	2/11/2008	40968	40969	40970	40971
	Sample Location	Method Blank	0073	0073	0073
	Sublocation		Sub-slab Port1	Sub-slab Port2	GroundFloor
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv
Vinyl Chloride	U 0.0098		U 1.4	U 1.3	U 0.014
1,1-Dichloroethene (1,1-DCE)	U 0.0063		U 0.92	U 0.82	U 0.0091
trans-1,2-Dichloroethene	U 0.0063		7.7 0.92	6.3 0.82	0.032 0.0091
1,1-Dichloroethane (1,1-DCA)	U 0.0062		U 0.90	U 0.80	U 0.0090
cis-1,2-Dichloroethene	U 0.0063		8.9 0.92	3.7 0.82	0.030 0.0091
1,1,1-Trichloroethane (TCA)	U 0.0046		U 0.67	U 0.60	0.016 0.0066
Benzene	U 0.031		U 4.6	U 4.1	0.29 0.045
Trichloroethene (TCE)	U 0.0047		110 0.68	110 0.60	0.62 0.0067
Tetrachloroethene (PCE)	U 0.0037		240 0.54	240 0.48	1.8 0.0053

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	40890	40891	40892	
	Sample Location	0029	0029	0029
	Sublocation	Sub-slab	GroundFloor 1	GroundFloor 2
Analyte	Result ppbv	RL ppbv	Result ppbv	
Vinyl Chloride	U 0.14		U 0.014	
1,1-Dichloroethene (1,1-DCE)	U 0.090		U 0.0088	
trans-1,2-Dichloroethene	0.23	0.090	U 0.0088	
1,1-Dichloroethane (1,1-DCA)	U 0.088		U 0.0087	
cis-1,2-Dichloroethene	0.13	0.090	U 0.0088	
1,1,1-Trichloroethane (TCA)	U 0.065	0.015	0.0064	
Benzene	U 0.44	0.26	0.044	
Trichloroethene (TCE)	12	0.066	0.069	
Tetrachloroethene (PCE)	64	0.21	0.31	

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/12/2008	40885	40886	40887	40888
	Sample Location	Method Blank	0031	0031	0031
	Sublocation		Sub-slab Port2	Sub-slab Port1	GroundFloor
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv
Vinyl Chloride	U 0.0098		U 0.014	U 0.034	U 0.014
1,1-Dichloroethene (1,1-DCE)	U 0.0063		U 0.0087	U 0.022	0.026 0.0091
trans-1,2-Dichloroethene	U 0.0063		U 0.0087	U 0.022	U 0.0091
1,1-Dichloroethane (1,1-DCA)	U 0.0062		U 0.0085	U 0.022	U 0.0090
cis-1,2-Dichloroethene	U 0.0063		U 0.0087	U 0.022	U 0.0091
1,1,1-Trichloroethane (TCA)	U 0.0046	0.019	0.0063	0.38 0.016	0.019 0.0066
Benzene	U 0.031	0.047	0.043	U 0.11	0.31 0.045
Trichloroethene (TCE)	U 0.0047	0.018	0.0064	10 0.016	0.081 0.0067
Tetrachloroethene (PCE)	U 0.0037	0.41	0.0051	0.71 0.013	0.055 0.0053

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	40889	40893	Sample Location	0031	0029	Sublocation	Ambient	FirstFloor
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv				
Vinyl Chloride	U 0.013		U 0.015					
1,1-Dichloroethene (1,1-DCE)	U 0.0084		U 0.0098					
trans-1,2-Dichloroethene	U 0.0084		U 0.0098					
1,1-Dichloroethane (1,1-DCA)	U 0.0082		U 0.0096					
cis-1,2-Dichloroethene	U 0.0084		U 0.0098					
1,1,1-Trichloroethane (TCA)	0.019 0.0061		0.017 0.0071					
Benzene	0.28 0.042		0.29 0.049					
Trichloroethene (TCE)	0.019 0.0062		0.048 0.0072					
Tetrachloroethene (PCE)	0.038 0.0049		0.19 0.0057					

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/13/2008	40961	40962	40963	40964				
Sample Location	Method Blank	0021	0021	0021	0021				
Sublocation	Sub-slab	Port1	Port2	GroundFloor	FirstFloor				
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	
Vinyl Chloride	U 0.0098		U 0.62		U 0.28		U 0.014		U 0.033
1,1-Dichloroethene (1,1-DCE)	U 0.0063		U 0.40		U 0.18		U 0.0090		U 0.022
trans-1,2-Dichloroethene	U 0.0063		2.8 0.40		2.4 0.18		U 0.0090		U 0.022
1,1-Dichloroethane (1,1-DCA)	U 0.0062		U 0.39		U 0.18		U 0.0088		U 0.021
cis-1,2-Dichloroethene	U 0.0063		5.2 0.40		4.6 0.18		U 0.0090		U 0.022
1,1,1-Trichloroethane (TCA)	U 0.0046		U 0.29		U 0.13		0.024 0.0066		0.030 0.016
Benzene	U 0.031		U 2.0		U 0.90		0.24 0.045		0.28 0.11
Trichloroethene (TCE)	U 0.0047		59 0.29		55 0.13		0.10 0.0067		0.084 0.016
Tetrachloroethene (PCE)	U 0.0037		150 0.23		92 0.21		0.22 0.0053		0.20 0.013

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	40965	40966	40967	40972	40973				
Sample Location	0050	0050	0050	0115	0115				
Sublocation	Sub-slab	GroundFloor	FirstFloor	Sub-slab	GroundFloor				
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	
Vinyl Chloride	U 0.48		U 0.015		U 0.033		U 0.015		U 0.013
1,1-Dichloroethene (1,1-DCE)	U 0.31		U 0.0097		U 0.021		0.019 0.0097		U 0.0083
trans-1,2-Dichloroethene	0.72 0.31		U 0.0097		U 0.021		U 0.0097		U 0.0083
1,1-Dichloroethane (1,1-DCA)	U 0.30		U 0.0095		U 0.021		0.016 0.0095		U 0.0081
cis-1,2-Dichloroethene	0.40 0.31		U 0.0097		U 0.021		U 0.0097		U 0.0083
1,1,1-Trichloroethane (TCA)	0.69 0.23		0.021 0.0071		0.025 0.015		0.92 0.0070		0.018 0.0060
Benzene	U 1.5		0.24 0.048		0.30 0.10		0.068 0.048		0.30 0.041
Trichloroethene (TCE)	22 0.23		0.14 0.0072		0.11 0.016		23 0.071		0.12 0.0061
Tetrachloroethene (PCE)	97 0.18		0.68 0.0057		0.52 0.012		4.0 0.0056		0.049 0.0048

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Analyte	Sample Number		40894		40895		40896		
	Sample Location		0047	0047		0047		0047	
	Sublocation		Sub-slab	GroundFloor		FirstFloor			
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	
Vinyl Chloride	U	0.030	U	0.015	U	0.014			
1,1-Dichloroethene (1,1-DCE)	U	0.019	U	0.0095	U	0.0091			
trans-1,2-Dichloroethene	U	0.019	U	0.0095	U	0.0091			
1,1-Dichloroethane (1,1-DCA)	U	0.019	U	0.0093	U	0.0089			
cis-1,2-Dichloroethene	U	0.019	U	0.0095	U	0.0091			
1,1,1-Trichloroethane (TCA)	0.048	0.014	0.015	0.0069	0.014	0.0066			
Benzene	0.12	0.095	0.23	0.047	0.25	0.045			
Trichloroethene (TCE)	6.3	0.014	0.056	0.0070	0.027	0.0067			
Tetrachloroethene (PCE)	8.8	0.011	0.18	0.0055	0.26	0.0053			

Table 1.1a (cont) Results of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Analyte	Sample Number		2/14/2008		40974		40975	
	Sample Location		Method Blank		0115	Trip Blank		
	Sublocation		FirstFloor					
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.0098	U	0.015	U	0.0098		
1,1-Dichloroethene (1,1-DCE)	U	0.0063	U	0.0099	U	0.0063		
trans-1,2-Dichloroethene	U	0.0063	U	0.0099	U	0.0063		
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.0097	U	0.0062		
cis-1,2-Dichloroethene	U	0.0063	U	0.0099	U	0.0063		
1,1,1-Trichloroethane (TCA)	U	0.0046	0.015	0.0072	U	0.0046		
Benzene	U	0.031	0.50	0.049	U	0.031		
Trichloroethene (TCE)	U	0.0047	0.061	0.0073	U	0.0047		
Tetrachloroethene (PCE)	U	0.0037	0.038	0.0058	U	0.0037		

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Analyte	Sample Number		2/11/2008		40986		40985		40987	
	Sample Location		Method Blank		0123	0110		Ambient	0123	
	Sublocation/Sub Sublocation		Sub-slab / Port 1					GroundFloor / GF1		
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.0098	150	2.8	U	0.014	0.73	0.015		
1,1-Dichloroethene (1,1-DCE)	U	0.0063	160	1.8	U	0.0091	0.80	0.0094		
trans-1,2-Dichloroethene	U	0.0063	320	1.8	U	0.0091	1.5	0.0094		
1,1-Dichloroethane (1,1-DCA)	U	0.0062	3.6	1.8	U	0.0089	0.021	0.0092		
cis-1,2-Dichloroethene	U	0.0063	2900	9.0	U	0.0091	16	0.0940		
1,1,1-Trichloroethane (TCA)	U	0.0046	U	1.3	0.016	0.0066	0.024	0.0068		
Benzene	U	0.031	U	9.1	0.30	J 0.045	0.30	J 0.047		
Trichloroethene (TCE)	U	0.0047	520	1.3	0.024	0.0067	3.3	0.0069		
Tetrachloroethene (PCE)	U	0.0037	650	1.1	0.075	0.0053	4.8	0.0055		

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	2/13/2008	40988					
Sample Location	Method Blank	0123					
Sublocation/Sub Sublocation		FirstFloor / FF1					
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv			
Vinyl Chloride	U 0.0098	0.33	0.014				
1,1-Dichloroethene (1,1-DCE)	U 0.0063	0.35	0.0088				
trans-1,2-Dichloroethene	U 0.0063	0.66	0.0088				
1,1-Dichloroethane (1,1-DCA)	U 0.0062	0.0095	0.0087				
cis-1,2-Dichloroethene	U 0.0063	7.4 J	0.0088				
1,1,1-Trichloroethane (TCA)	U 0.0046	0.020	0.0064				
Benzene	U 0.031	0.29 J	0.044				
Trichloroethene (TCE)	U 0.0047	1.3	0.0065				
Tetrachloroethene (PCE)	U 0.0037	1.9	0.0052				

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/14/2008	40977	40978	40979	40981		
Sample Location	Method Blank	0312	0312	0064	0064		
Sublocation/Sub Sublocation		GroundFloor / GF1	FirstFloor / FF1	Sub-slab / Port 1	FirstFloor / FF 1		
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv
Vinyl Chloride	U 0.0098	U 0.015	U 0.014	U 0.52	U 0.026		
1,1-Dichloroethene (1,1-DCE)	U 0.0063	U 0.0094	U 0.0093	U 0.33	U 0.017		
trans-1,2-Dichloroethene	U 0.0063	U 0.0094	U 0.0093	4.4 0.33	0.031 0.017		
1,1-Dichloroethane (1,1-DCA)	U 0.0062	U 0.0092	U 0.0091	0.40 0.33	U 0.017		
cis-1,2-Dichloroethene	U 0.0063	U 0.0094	U 0.0093	5.5 0.33	0.045 0.017		
1,1,1-Trichloroethane (TCA)	U 0.0046	0.018 0.0068	0.018 0.0068	U 0.24	0.016 0.012		
Benzene	U 0.031	0.27 J 0.047	0.25 J 0.046	U 1.6	0.34 J 0.085		
Trichloroethene (TCE)	U 0.0047	0.025 0.0069	0.024 0.0069	75 0.25	0.48 0.013		
Tetrachloroethene (PCE)	U 0.0037	0.041 0.0055	0.037 0.0055	140 0.19	0.98 0.010		

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	40980	40982	40983	40984	40989		
Sample Location	0064	0110	0110	0110	0090		
Sublocation/Sub Sublocation	GroundFloor / GF1	Sub-slab / Port 1	GroundFloor / GF1	FirstFloor / FF1	Sub-slab / Port 1		
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv
Vinyl Chloride	U 0.013	U 0.53	U 0.014	U 0.015	U 0.029		
1,1-Dichloroethene (1,1-DCE)	U 0.0085	U 0.34	U 0.0091	U 0.0097	U 0.019		
trans-1,2-Dichloroethene	0.036 0.0085	3.3 0.34	0.013 0.0091	0.0098 0.0097	0.69 0.019		
1,1-Dichloroethane (1,1-DCA)	U 0.0083	0.36 0.33	U 0.0090	U 0.0095	0.034 0.018		
cis-1,2-Dichloroethene	0.049 0.0085	5.6 0.34	0.019 0.0091	0.014 0.0097	1.4 0.019		
1,1,1-Trichloroethane (TCA)	0.016 0.0061	U 0.25	0.017 0.0066	0.024 0.0071	0.033 0.014		
Benzene	0.28 J 0.042	U 1.7	0.41 J 0.045	0.83 J 0.048	U 0.093		
Trichloroethene (TCE)	0.53 0.0062	70 0.25	0.26 0.0067	0.18 0.0072	24 0.28		
Tetrachloroethene (PCE)	1.1 0.0049	160 0.20	0.66 0.0053	0.56 0.0057	73 0.22		

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	40990		40992		40976	
Sample Location	0090		0056		0312	
Sublocation/Sub Sublocation	GroundFloor / GF1		Sub-slab / Port 1		Sub-slab / Port 1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.015	U	0.076	U	0.027
1,1-Dichloroethene (1,1-DCE)	U	0.0095	U	0.049	U	0.018
trans-1,2-Dichloroethene	U	0.0095	0.17	0.049	U	0.018
1,1-Dichloroethane (1,1-DCA)	U	0.0093	U	0.048	U	0.017
cis-1,2-Dichloroethene	U	0.0095	0.074	0.049	U	0.018
1,1,1-Trichloroethane (TCA)	0.015	0.0069	0.060	0.036	0.19	0.013
Benzene	0.30 J	0.047	U	0.24	U	0.088
Trichloroethene (TCE)	0.11	0.0070	6.8	0.036	6.4	0.013
Tetrachloroethene (PCE)	0.33	0.0055	37	0.12	0.87	0.010

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/15/2008		41158		40995		40997		40991	
Sample Location	Method Blank		Trip Blank		0056		0139		0090	
Sublocation/Sub Sublocation					FirstFloor / FF1		Sub-slab / Port 2		FirstFloor / FF1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.0098	U	0.0098	U	0.015	U	0.025	U	0.012
1,1-Dichloroethene (1,1-DCE)	U	0.0063	U	0.0063	U	0.0097	U	0.016	U	0.0079
trans-1,2-Dichloroethene	U	0.0063	U	0.0063	U	0.0097	U	0.016	U	0.0079
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.0062	U	0.0095	U	0.016	U	0.0078
cis-1,2-Dichloroethene	U	0.0063	U	0.0063	U	0.0097	U	0.016	U	0.0079
1,1,1-Trichloroethane (TCA)	U	0.0046	U	0.0046	0.017	0.0070	0.032	0.012	0.016	0.0058
Benzene	U	0.031	U	0.031	0.65 J	0.048	U	0.079	0.29 J	0.039
Trichloroethene (TCE)	U	0.0047	U	0.0047	0.050	0.0071	4.7	0.012	0.093	0.0059
Tetrachloroethene (PCE)	U	0.0037	U	0.0037	0.51	0.0056	1.9	0.0093	0.27	0.0046

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	40993		40994		40998		40999		41000	
Sample Location	0056		0056		0139		0139		0171	
Sublocation/Sub Sublocation	GroundFloor / GF1		GroundFloor / GF2		GroundFloor / GF1		FirstFloor / FF1		Sub-slab / Port 1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.015	U	0.014	U	0.012	U	0.015	U	0.034
1,1-Dichloroethene (1,1-DCE)	U	0.010	U	0.0090	U	0.0079	0.017	0.0094	0.035	0.022
trans-1,2-Dichloroethene	U	0.010	U	0.0090	U	0.0079	U	0.0094	U	0.022
1,1-Dichloroethane (1,1-DCA)	U	0.0098	U	0.0088	U	0.0078	U	0.0092	U	0.022
cis-1,2-Dichloroethene	U	0.010	U	0.0090	U	0.0079	U	0.0094	U	0.022
1,1,1-Trichloroethane (TCA)	0.019	0.0072	0.019	0.0066	0.15	0.0058	0.69	0.0068	0.15	0.016
Benzene	1.1-J	0.049	1.0 J	0.045	-0.34-J	0.039	-0.33-J	0.047	-U	0.11
Trichloroethene (TCE)	0.24	0.0074	0.24	0.0067	0.040	0.0059	0.035	0.0069	8.4	0.016
Tetrachloroethene (PCE)	1.1	0.0058	1.2	0.0053	0.12	0.0046	0.38	0.0055	3.7	0.013

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM										Page 9 of 18	
Sample Number	2/18/2008	40996		41153		41155		41154			
Sample Location	Method Blank	0139	Sub-slab / Port 1	0171	GroundFloor / GF1	0049	Sub-slab / Port 1	0171	FirstFloor / FF1		
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	
Vinyl Chloride	U	0.0098	U	0.015	U	0.018	U	0.12	U	0.015	
1,1-Dichloroethene (1,1-DCE)	U	0.0063	U	0.0094	U	0.012	U	0.080	U	0.0097	
trans-1,2-Dichloroethene	U	0.0063	U	0.0094	U	0.012	2.1	0.080	U	0.0097	
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.0092	U	0.012	U	0.078	U	0.0095	
cis-1,2-Dichloroethene	U	0.0063	U	0.0094	U	0.012	7.1	0.080	U	0.0097	
1,1,1-Trichloroethane (TCA)	U	0.0046	0.020	0.0068	0.015	0.0086	U	0.058	0.014	0.0070	
Benzene	U	0.031	U	0.047	0.36 J	0.059	U	0.40	0.37 J	0.048	
Trichloroethene (TCE)	U	0.0047	2.4	0.0069	0.067	0.0087	37	0.059	0.041	0.0071	
Tetrachloroethene (PCE)	U	0.0037	1.0	0.0055	0.086	0.0069	69	0.19	0.054	0.0056	

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM									
Sample Number	41156	41157							
Sample Location	0049	0049	GroundFloor / GF1	FirstFloor / FF1					
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv					
Vinyl Chloride	U	0.015	U	0.016					
1,1-Dichloroethene (1,1-DCE)	U	0.0095	U	0.010					
trans-1,2-Dichloroethene	0.026	0.0095	0.020	0.010					
1,1-Dichloroethane (1,1-DCA)	U	0.0093	U	0.010					
cis-1,2-Dichloroethene	0.096	0.0095	0.071	0.010					
1,1,1-Trichloroethane (TCA)	0.015	0.0069	0.015	0.0074					
Benzene	0.27 J	0.047	0.29 J	0.051					
Trichloroethene (TCE)	0.37	0.0070	0.26	0.0075					
Tetrachloroethene (PCE)	0.74	0.0055	0.60	0.0060					

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM										
Sample Number	2/13/2008	41159		41160		41163		41161		
Sample Location	Method Blank	0065	0065	0065	0190	0190	0065	0065	0065	
Sublocation/Sub Sublocation		Sub-slab / Port 1	GroundFloor / GF1	Sub-slab / Port 1	FirstFloor / FF1					
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	
Vinyl Chloride	U	0.039	U	0.38	U	0.060	U	0.24	U	0.063
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.25	U	0.039	U	0.15	U	0.041
trans-1,2-Dichloroethene	U	0.025	1.0	0.25	U	0.039	U	0.15	U	0.041
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.24	U	0.038	U	0.15	U	0.040
cis-1,2-Dichloroethene	U	0.025	0.36	0.25	0.039	0.039	U	0.15	U	0.041
1,1,1-Trichloroethane (TCA)	U	0.018	U	0.18	U	0.028	0.48	0.11	U	0.030
Benzene	U	0.031	U	0.30	0.24	0.048	U	0.19	0.29	0.051
Trichloroethene (TCE)	U	0.019	46	0.18	0.20	0.029	0.34	0.11	0.11	0.030
Tetrachloroethene (PCE)	U	0.015	150	0.14	0.74	0.023	100	0.44	0.42	0.024

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	41162		41164		43161		43162		43163	
Sample Location	0065		0190		0190		0038		0038	
Sublocation/Sub Sublocation	Ambient		GroundFloor / GF1		GroundFloor / GF2		Sub-slab / Port 1		GroundFloor / GF1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.054	U	0.064	U	0.056	1.9	0.60	U	0.058
1,1-Dichloroethene (1,1-DCE)	U	0.035	U	0.041	U	0.036	2.2	0.39	U	0.038
trans-1,2-Dichloroethene	U	0.035	U	0.041	U	0.036	16	0.39	0.049	0.038
1,1-Dichloroethane (1,1-DCA)	U	0.034	U	0.041	U	0.035	0.50	0.38	U	0.037
cis-1,2-Dichloroethene	0.19	J 0.035	U	0.041	U	0.036	320	0.39	0.76	0.038
1,1,1-Trichloroethane (TCA)	U	0.025	0.041	0.030	0.039	0.026	U	0.28	0.036	0.027
Benzene	0.23	0.044	0.47	0.051	0.47	0.044	U	0.48	0.29	0.047
Trichloroethene (TCE)	U	0.026	0.069	0.031	0.066	0.026	79	0.28	0.35	0.028
Tetrachloroethene (PCE)	0.049	0.021	0.36	0.024	0.37	0.021	220	0.23	0.99	0.022

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number 43164 43176 43177 43184
Sample Location 0038 0170 0170 Trip Blank
Sublocation/Sub Sublocation GroundFloor / GF2 GroundFloor / GF2 FirstFloor / FF1

Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.060	U	0.061	U	0.061	U	0.039
1,1-Dichloroethene (1,1-DCE)	U	0.039	U	0.040	U	0.040	U	0.025
trans-1,2-Dichloroethene	0.046	0.039	U	0.040	U	0.040	U	0.025
1,1-Dichloroethane (1,1-DCA)	U	0.038	U	0.039	U	0.039	U	0.025
cis-1,2-Dichloroethene	0.75	0.039	U	0.040	U	0.040	U	0.025
1,1,1-Trichloroethane (TCA)	0.038	0.028	0.055	0.029	0.034	0.029	U	0.018
Benzene	0.30	0.048	0.28	0.049	0.30	0.049	U	0.031
Trichloroethene (TCE)	0.37	0.029	U	0.029	U	0.029	U	0.019
Tetrachloroethene (PCE)	1.0	0.023	0.080	0.023	0.086	0.023	U	0.015

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

Sample Number 2/13/2008 43186 43185 43169 43165
Method Blank 0121 0121 0299 0299 0038
Sublocation/Sub Sublocation GroundFloor / GF1 Sub-slab / Port 1 Sub-slab / Port 1 FirstFloor / FF1

Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.039	0.39	0.061	38	2.8	U	10
1,1-Dichloroethene (1,1-DCE)	U	0.025	0.56	0.039	60	1.8	U	6.6
trans-1,2-Dichloroethene	U	0.025	1.2	0.039	130	1.8	U	6.6
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.038	2.4	1.8	U	6.5
cis-1,2-Dichloroethene	U	0.025	15	0.039	1900	1.8	U	6.6
1,1,1-Trichloroethane (TCA)	U	0.018	U	0.028	U	1.3	U	4.8
Benzene	U	0.031	0.30	0.049	U	2.3	U	8.2
Trichloroethene (TCE)	U	0.019	-1.6	-0.029	170	-1.3	-42	-4.9
Tetrachloroethene (PCE)	U	0.015	1.8	0.023	180	1.1	14000	23

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

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Sample Number	43166		43167		43168		43171		43172	
Sample Location	0169		0169		0169		0299		0299	
Sublocation/Sub Sublocation	Sub-slab / Port 1		GroundFloor / GF1		FirstFloor / FF1		GroundFloor / GF1		FirstFloor / FF1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.063	U	0.064	U	0.058	U	0.057	U	0.056
1,1-Dichloroethene (1,1-DCE)	U	0.041	U	0.041	U	0.038	U	0.037	U	0.036
trans-1,2-Dichloroethene	U	0.041	U	0.041	U	0.038	U	0.037	U	0.036
1,1-Dichloroethane (1,1-DCA)	U	0.040	U	0.041	U	0.037	U	0.036	U	0.035
cis-1,2-Dichloroethene	U	0.041	U	0.041	U	0.038	U	0.037	U	0.036
1,1,1-Trichloroethane (TCA)	0.071	0.030	U	0.030	U	0.027	0.21	0.027	0.80	0.026
Benzene	U	0.050	0.23	0.051	0.24	0.047	2.0	0.046	1.3	0.044
Trichloroethene (TCE)	9.2	0.030	0.080	0.031	0.077	0.028	0.55	0.027	0.41	0.026
Tetrachloroethene (PCE)	0.89	0.024	1.0	0.024	1.1	0.022	79	0.22	52	0.21

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

Sample Number	43173		43174	
Sample Location	0299		0170	
Sublocation/Sub Sublocation	FirstFloor / FF2		Sub-slab / Port 1	
<hr/>				
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.060	U	0.061
1,1-Dichloroethene (1,1-DCE)	U	0.039	U	0.040
trans-1,2-Dichloroethene	U	0.039	U	0.040
1,1-Dichloroethane (1,1-DCA)	U	0.038	U	0.039
cis-1,2-Dichloroethene	U	0.039	U	0.040
1,1,1-Trichloroethane (TCA)	0.32	0.028	0.060	0.029
Benzene	1.6	0.048	U	0.049
Trichloroethene (TCE)	0.50	0.029	4.2	0.029
Tetrachloroethene (PCE)	65	0.23	1.1	0.023

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

Sample Number	2/14/2008		43170		43187		43188	
Sample Location	Method Blank		0299		0121		0107	
Sublocation/Sub Sublocation	Sub-slab / Port 2		FirstFloor / FF1		Sub-slab / B Port 1			
<hr/>								
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.039	U	8.4	0.26	0.059	U	0.61
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	5.4	0.40	0.038	U	0.39
trans-1,2-Dichloroethene	U	0.025	U	5.4	0.82	0.038	U	0.39
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	5.3	U	0.037	U	0.38
cis-1,2-Dichloroethene	U	0.025	U	5.4	10	0.038	U	0.39
1,1,1-Trichloroethane (TCA)	U	0.018	U	4.0	U	0.028	U	0.29
Benzene	U	0.031	U	6.8	0.27	0.047	1.7	0.49
Trichloroethene (TCE)	U	0.019	58	4.0	1.2	0.028	38	0.29
Tetrachloroethene (PCE)	U	0.015	18000	22	1.3	0.022	230	0.23

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

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Sample Number	43189		43190		43191		43192		43193	
Sample Location	0107		0107		0107		0107		0107	
Sublocation/Sub Sublocation	GroundFloor / BGF1		FirstFloor / BFF1		Sub-slab / A Port 1		GroundFloor / AGF1		FirstFloor / AFF1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.058	U	0.057	U	0.060	U	0.064	U	0.062
1,1-Dichloroethene (1,1-DCE)	U	0.038	U	0.037	U	0.039	U	0.041	U	0.040
trans-1,2-Dichloroethene	U	0.038	U	0.037	U	0.039	U	0.041	U	0.040
1,1-Dichloroethane (1,1-DCA)	U	0.037	U	0.036	U	0.038	U	0.041	U	0.039
cis-1,2-Dichloroethene	U	0.038	U	0.037	U	0.039	U	0.041	U	0.040
1,1,1-Trichloroethane (TCA)	U	0.027	0.028	0.027	0.043	0.028	U	0.030	0.032	0.029
Benzene	0.32	0.047	0.34	0.045	U	0.048	0.33	0.051	0.35	0.049
Trichloroethene (TCE)	0.26	0.028	0.18	0.027	5.4	0.028	0.057	0.031	0.043	0.029
Tetrachloroethene (PCE)	1.7	0.022	1.1	0.021	42	0.23	0.48	0.024	0.33	0.023

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

Sample Number	2/14/2008		43178		43181		43180		43182	
Sample Location	Method Blank		0082		0018		0082		0018	
Sublocation/Sub Sublocation	Sub-slab / Port 1		Sub-slab / Port 1		FirstFloor / FF1		GroundFloor / GF1			
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.039	11	1.0	39	0.28	0.059	0.058	0.18	0.055
1,1-Dichloroethene (1,1-DCE)	U	0.025	17	0.66	47	0.18	0.094	0.037	0.32	0.035
trans-1,2-Dichloroethene	U	0.025	33	0.66	71	0.18	0.17	0.037	0.50	0.035
1,1-Dichloroethane (1,1-DCA)	U	0.025	0.74	0.65	0.63	0.18	U	0.037	U	0.035
cis-1,2-Dichloroethene	U	0.025	200	0.66	620	1.8	0.97	0.037	5.2	0.035
1,1,1-Trichloroethane (TCA)	U	0.018	U	0.48	U	0.13	U	0.027	0.086	0.026
Benzene	U	0.031	U	0.82	0.39	0.23	0.37	0.046	0.33	0.044
Trichloroethene (TCE)	U	0.019	220	0.49	140	0.13	1.2	0.028	1.3	0.026
Tetrachloroethene (PCE)	U	0.015	350	0.39	160	1.1	1.9	0.022	1.7	0.021

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

Sample Number	43183		43194		43195		43196		43205	
Sample Location	0018		0052		0052		0052		0052	
Sublocation/Sub Sublocation	FirstFloor / FF1		Sub-slab / Port 1		GroundFloor / GF1		GroundFloor / GF2		FirstFloor / FF1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	0.13	0.058	U	0.060	U	0.060	U	0.059	U	0.061
1,1-Dichloroethene (1,1-DCE)	0.25	0.038	U	0.039	U	0.039	U	0.038	U	0.040
trans-1,2-Dichloroethene	0.40	0.038	U	0.039	U	0.039	U	0.038	U	0.040
1,1-Dichloroethane (1,1-DCA)	U	0.037	U	0.038	U	0.038	U	0.037	U	0.039
cis-1,2-Dichloroethene	4.0	0.038	U	0.039	U	0.039	U	0.038	U	0.040
1,1,1-Trichloroethane (TCA)	0.083	0.027	0.11	0.028	0.041	0.028	0.038	0.028	0.029	0.029
Benzene	0.34	0.047	U	0.048	0.53	0.048	0.52	0.047	0.64	0.049
Trichloroethene (TCE)	1.0	0.028	7.5	0.028	0.080	0.029	0.086	0.028	0.065	0.029
Tetrachloroethene (PCE)	1.3	0.022	5.5	0.023	0.092	0.023	0.094	0.022	0.098	0.023

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15		Page 13 of 18									
Sample Number	43206	43207		43208		43209		43179			
Sample Location	0052	0069		0069		0069		0082			
Sublocation/Sub Sublocation	Ambient	Sub-slab / Port 1		GroundFloor / GF1		GroundFloor / GF2		GroundFloor / GF1			
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	
Vinyl Chloride	U	0.053	U	0.062	U	3.8	U	4.5	0.081	0.069	
1,1-Dichloroethene (1,1-DCE)	U	0.034	U	0.040	U	2.5	U	2.9	0.11	0.044	
trans-1,2-Dichloroethene	U	0.034	U	0.040	U	2.5	U	2.9	0.20	0.044	
1,1-Dichloroethane (1,1-DCA)	U	0.033	U	0.039	U	2.4	U	2.8	U	0.044	
cis-1,2-Dichloroethene	U	0.034	U	0.040	U	2.5	U	2.9	1.2	0.044	
1,1,1-Trichloroethane (TCA)	0.026	0.025	0.47	0.029	U	1.8	U	2.1	U	0.032	
Benzene	0.35	0.042	U	0.050	U	3.0	U	3.6	0.36	0.055	
Trichloroethene (TCE)	U	0.025	0.82	0.030	U	1.8	U	2.1	1.5	0.033	
Tetrachloroethene (PCE)	0.052	0.020	180	0.46	U	1.4	U	1.7	2.6	0.026	

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM												
Sample Number	2/15/2008	43175										
Sample Location	Method Blank	0170										
Sublocation/Sub Sublocation		GroundFloor / GF1										
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv								
Vinyl Chloride	U	0.0098	U	0.020								
1,1-Dichloroethene (1,1-DCE)	U	0.0063	U	0.013								
trans-1,2-Dichloroethene	U	0.0063	U	0.013								
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.013								
cis-1,2-Dichloroethene	U	0.0063	U	0.013								
1,1,1-Trichloroethane (TCA)	U	0.0046	0.054	0.0095								
Benzene	U	0.031	0.26	J 0.065								
Trichloroethene (TCE)	U	0.0047	0.013	0.0096								
Tetrachloroethene (PCE)	U	0.0037	0.089	0.0076								

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM													
Sample Number	2/19/2008	43675		43210		43215		43213					
Sample Location	Method Blank	Trip-Blank		0009		0223		Sub-slab / Port 1		Sub-slab / Port 1		Sub-slab / Port 1	
Sublocation/Sub Sublocation													
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv			
Vinyl Chloride	U	0.0098	U	0.0098	U	0.031	U	2.4	U	0.058			
1,1-Dichloroethene (1,1-DCE)	U	0.0063	0.015	0.0063	U	0.020	U	1.6	U	0.037			
trans-1,2-Dichloroethene	U	0.0063	U	0.0063	0.078	0.020	U	1.6	0.12	0.037			
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.0062	U	0.019	U	1.5	U	0.037			
cis-1,2-Dichloroethene	U	0.0063	0.026	0.0063	U	0.020	U	1.6	U	0.037			
1,1,1-Trichloroethane (TCA)	U	0.0046	0.68	0.0046	U	0.035	20	1.1	U	0.61			
Benzene	U	0.031	0.11	J 0.031	U	0.099	U	7.8	U	0.19			
Trichloroethene (TCE)	U	0.0047	0.013	0.0047	2.8	0.015	700	1.2	17	0.028			
Tetrachloroethene (PCE)	U	0.0037	0.37	0.0037	6.9	0.012	3.0	0.92	2.1	0.022			

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM										Page 14 of 18	
Sample Number	43216		43218		43669		43672		43211		
Sample Location	0223		0116		0085		0093		0009		
Sublocation/Sub Sublocation	Sub-slab / Port 2		Sub-slab / Port 1		Sub-slab / Port 1		Sub-slab / Port 1		GroundFloor /GF 1		
Analyte	Result ppbv	RL ppbv									
Vinyl Chloride	U	0.076	U	0.16	U	0.074	U	0.095	U	0.015	
1,1-Dichloroethene (1,1-DCE)	0.090	0.049	U	0.11	U	0.048	U	0.061	U	0.0095	
trans-1,2-Dichloroethene	U	0.049	U	0.11	U	0.048	0.089	0.061	U	0.0095	
1,1-Dichloroethane (1,1-DCA)	0.054	0.048	U	0.10	U	0.047	U	0.060	U	0.0093	
cis-1,2-Dichloroethene	U	0.049	U	0.11	U	0.048	U	0.061	U	0.0095	
1,1,1-Trichloroethane (TCA)	9.0	0.036	U	0.077	U	0.040	U	0.051	U	0.026	
Benzene	0.65	J	0.24	U	0.52	U	0.24	U	0.30	U	0.25
Trichloroethene (TCE)	77	0.18	2.6	0.078	3.7	0.035	9.2	0.045	U	0.030	
Tetrachloroethene (PCE)	U	0.93	16	0.062	7.3	0.028	18	0.036	U	0.089	

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM										
Sample Number	43212		43214		43217		43219		43670	
Sample Location	0009		0293		0223		0116		0085	
Sublocation/Sub Sublocation	FirstFloor / FF 1		GroundFloor / GF 1							
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.015	U	0.014	0.018	0.014	U	0.015	U	0.014
1,1-Dichloroethene (1,1-DCE)	U	0.0097	U	0.0090	U	0.0090	U	0.0097	U	0.0088
trans-1,2-Dichloroethene	U	0.0097	0.61	0.0090	0.85	0.0090	U	0.0097	U	0.0088
1,1-Dichloroethane (1,1-DCA)	U	0.0095	U	0.0088	U	0.0088	U	0.0095	U	0.0086
cis-1,2-Dichloroethene	U	0.0097	U	0.0090	U	0.0090	U	0.0097	U	0.0088
1,1,1-Trichloroethane (TCA)	U	0.026	U	0.061	U	0.068	U	0.025	U	0.015
Benzene	U	0.27	U	0.34	2.1	J	0.044	1.4	J	0.048
Trichloroethene (TCE)	U	0.027	0.48	0.0067	1.7	0.0066	0.34	0.0072	0.25	0.0065
Tetrachloroethene (PCE)	U	0.082	U	0.10	U	0.14	U	0.089	U	0.50

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM										
Sample Number	43671									
Sample Location	0085									
Sublocation/Sub Sublocation	FirstFloor / FF1									
Analyte	Result ppbv	RL ppbv								
Vinyl Chloride	U	0.014								
1,1-Dichloroethene (1,1-DCE)	U	0.0088								
trans-1,2-Dichloroethene	U	0.0088								
1,1-Dichloroethane (1,1-DCA)	U	0.0086								
cis-1,2-Dichloroethene	U	0.0088								
1,1,1-Trichloroethane (TCA)	U	0.019								
Benzene	U	0.26								
Trichloroethene (TCE)	0.23	0.0065								
Tetrachloroethene (PCE)	U	0.47								

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

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Analyte	2/20/2008		43220		43673		43674	
	Method Blank		0116		0093		0093	
			FirstFloor / FF1		GroundFloor / GF1		FirstFloor / FF1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.0098	U	0.015	U	0.014	U	0.016
1,1-Dichloroethene (1,1-DCE)	U	0.0063	U	0.0095	U	0.0091	U	0.010
trans-1,2-Dichloroethene	U	0.0063	U	0.0095	U	0.0091	U	0.010
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.0093	U	0.0090	U	0.0098
cis-1,2-Dichloroethene	U	0.0063	U	0.0095	U	0.0091	U	0.010
1,1,1-Trichloroethane (TCA)	U	0.0046	U	0.023	U	0.026	U	0.019
Benzene	U	0.031	1.1 J	0.047	U	0.25	U	0.27
Trichloroethene (TCE)	U	0.0047	0.72	0.0070	0.20	0.0067	0.17	0.0074
Tetrachloroethene (PCE)	U	0.0037	U	0.084	U	0.44	U	0.36

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Analyte	2/15/2008		43708		43709		43710	
	Method Blank		0045		0045		0045	
			Sub-slab / Port 1		GroundFloor / GF1		FirstFloor / FF1	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.0098	8.0	4.6	0.034	0.012	0.015	0.013
1,1-Dichloroethene (1,1-DCE)	U	0.0063	25	3.0	0.064	0.0078	0.027	0.0081
trans-1,2-Dichloroethene	U	0.0063	54	3.0	0.16	0.0078	0.066	0.0081
1,1-Dichloroethane (1,1-DCA)	U	0.0062	3.4	2.9	0.010	0.0076	0.0082	0.0079
cis-1,2-Dichloroethene	U	0.0063	260	3.0	0.73	0.0078	0.29	0.0081
1,1,1-Trichloroethane (TCA)	U	0.0046	U	2.1	0.020	0.0056	0.019	0.0059
Benzene	U	0.031	U	15	0.29	0.039	0.47	0.040
Trichloroethene (TCE)	U	0.0047	340	2.2	1.2	0.0057	0.48	0.0060
Tetrachloroethene (PCE)	U	0.0037	620	1.7	2.4	0.0045	0.96	0.0047

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Analyte	2/18/2008		43677		43678		43679		43680	
	Method Blank		0003		0003		0003		0003	
			GroundFloor / GF1		GroundFloor / GF2		FirstFloor / FF1		FirstFloor / FF2	
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.0098	U	0.013	U	0.013	U	0.013	U	0.012
1,1-Dichloroethene (1,1-DCE)	U	0.0063	U	0.0085	U	0.0081	U	0.0081	U	0.0079
trans-1,2-Dichloroethene	U	0.0063	U	0.0085	U	0.0081	U	0.0081	U	0.0079
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.0083	U	0.0080	U	0.0080	U	0.0077
cis-1,2-Dichloroethene	U	0.0063	U	0.0085	U	0.0081	U	0.0081	U	0.0079
1,1,1-Trichloroethane (TCA)	U	0.0046	0.022	0.0061	0.024	0.0059	0.024	0.0059	0.027	0.0057
Benzene	U	0.031	0.27	0.042	0.27	0.040	0.27	0.040	0.39	0.039
Trichloroethene (TCE)	U	0.0047	0.072	0.0062	0.026	0.0060	0.019	0.0060	0.019	0.0058
Tetrachloroethene (PCE)	U	0.0037	0.31	0.0049	0.11	0.0048	0.080	0.0048	0.086	0.0046

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

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Sample Number	43682	43683	43685	43686	43687	
Sample Location	0004	0004	0105	0105	0105	
Sublocation/Sub Sublocation	GroundFloor / GF1		GroundFloor / GF2		FirstFloor / FF1	Ambient
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.013	U	0.012	U	0.013
1,1-Dichloroethene (1,1-DCE)	U	0.0085	U	0.0079	U	0.0087
trans-1,2-Dichloroethene	U	0.0085	U	0.0079	0.011	0.0087
1,1-Dichloroethane (1,1-DCA)	U	0.0083	U	0.0078	U	0.0085
cis-1,2-Dichloroethene	U	0.0085	U	0.0079	0.092	0.0087
1,1,1-Trichloroethane (TCA)	0.034	0.0061	0.033	0.0058	0.029	0.0063
Benzene	0.28	0.042	0.28	0.039	0.26	0.043
Trichloroethene (TCE)	0.11	0.0062	0.11	0.0059	0.16	0.0064
Tetrachloroethene (PCE)	0.14	0.0049	0.13	0.0046	0.38	0.0051

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number	43681	43684
Sample Location	0004	0105
Sublocation/Sub Sublocation	Sub-slab / Port 1	
Analyte	Result ppbv	RL ppbv
Vinyl Chloride	U	0.17
1,1-Dichloroethene (1,1-DCE)	U	0.11
trans-1,2-Dichloroethene	U	0.11
1,1-Dichloroethane (1,1-DCA)	U	0.11
cis-1,2-Dichloroethene	U	0.11
1,1,1-Trichloroethane (TCA)	0.60	0.079
Benzene	U	0.54
Trichloroethene (TCE)	43	0.080
Tetrachloroethene (PCE)	2.1	0.063

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number	2/20/2008	43714	43691	43692	43690
Sample Location	Method Blank	Trip-Blank	0320	0320	0060
Sublocation/Sub Sublocation			Sub-slab / Port 1	GroundFloor / GF1	GroundFloor / GF1
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbV	Result ppbV
Vinyl Chloride	U	0.0098	U	6.4	U
1,1-Dichloroethene (1,1-DCE)	U	0.0063	U	4.1	U
trans-1,2-Dichloroethene	U	0.0063	U	4.1	U
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	4.0	U
cis-1,2-Dichloroethene	U	0.0063	3100	4.1	45
1,1,1-Trichloroethane (TCA)	U	0.0046	U	3.0	U
Benzene	U	0.031	U	21	U
Trichloroethene (TCE)	U	0.0047	U	180	3.7
Tetrachloroethene (PCE)	U	0.0037	U	2.4	370

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

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Sample Number	43695		43701		43676		43688		43689	
Sample Location	0294		0103		0003		0060		0060	
Sublocation/Sub Sublocation	Sub-slab / Port 1		Sub-slab / Port 2							
Analyte	Result ppbv	RL ppbv								
Vinyl Chloride	U	0.49	U	0.14	U	0.17	U	0.013	U	0.013
1,1-Dichloroethene (1,1-DCE)	U	0.32	U	0.089	U	0.11	1.0	0.0085	0.018	0.0083
trans-1,2-Dichloroethene	U	0.32	0.36	0.089	0.12	0.11	0.053	0.0085	0.029	0.0083
1,1-Dichloroethane (1,1-DCA)	U	0.31	U	0.087	U	0.11	0.15	0.0083	0.15	0.0082
cis-1,2-Dichloroethene	U	0.32	0.097	0.089	U	0.11	0.75	0.0085	0.096	0.0083
1,1,1-Trichloroethane (TCA)	3.2	0.23	U	0.065	U	0.081	1.3	0.0061	0.33	0.0061
Benzene	U	1.6	U	0.44	U	0.55	0.098	0.042	0.044	0.041
Trichloroethene (TCE)	160	0.23	17	0.066	7.2	0.082	11	0.031	0.78	0.0061
Tetrachloroethene (PCE)	13	0.19	37	0.17	49	0.065	8.9	0.025	4.9	0.019

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number	43693		43694		43696		43698		43697	
Sample Location	0320		0320		0294		0112		0112	
Sublocation/Sub Sublocation	FirstFloor / FF1		FirstFloor / FF2		GroundFloor / GF1		GroundFloor / GF1		Sub-slab / Port1	
Analyte	Result ppbV	RL ppbV	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.013	U	0.012	U	0.013	U	0.014	U	0.32
1,1-Dichloroethene (1,1-DCE)	0.037	0.0086	0.16	0.0078	U	0.0081	U	0.0090	U	0.21
trans-1,2-Dichloroethene	0.0088	0.0086	U	0.0078	U	0.0081	U	0.0090	U	0.21
1,1-Dichloroethane (1,1-DCA)	U	0.0085	U	0.0076	U	0.008	U	0.0088	U	0.20
cis-1,2-Dichloroethene	7.8	0.17	0.088	0.0078	U	0.0081	U	0.0090	U	0.21
1,1,1-Trichloroethane (TCA)	0.17	0.0063	6.5	0.028	0.028	0.0059	0.036	0.0065	U	0.15
Benzene	0.35	0.043	0.34	0.039	0.31	0.040	0.24	0.044	U	1.0
Trichloroethene (TCE)	0.75	0.0064	0.026	0.0057	0.10	0.0060	0.13	0.0066	25	0.15
Tetrachloroethene (PCE)	54	0.10	1.6	0.0045	0.079	0.0048	0.43	0.0052	74	0.12

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number	2/21/2008		43705		43704		43711		43699	
Sample Location	Method Blank		0162		0162		0209		0112	
Sublocation/Sub Sublocation	GroundFloor / GF1		Sub-slab / Port 1		Sub-slab / Port 1		Sub-slab / Port 1		GroundFloor / GF2	
Analyte	Result ppbv	RL ppbv								
Vinyl Chloride	U	0.0098	U	0.014	U	0.033	U	0.056	U	0.014
1,1-Dichloroethene (1,1-DCE)	U	0.0063	U	0.0090	U	0.021	0.057	0.036	U	0.0091
trans-1,2-Dichloroethene	U	0.0063	U	0.0090	U	0.021	U	0.036	U	0.0091
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.0088	U	0.021	U	0.035	U	0.0090
cis-1,2-Dichloroethene	U	0.0063	U	0.0090	U	0.021	0.088	0.036	U	0.0091
1,1,1-Trichloroethane (TCA)	U	0.0046	0.024	0.0065	0.23	0.015	0.13	0.026	0.042	0.0066
Benzene	U	0.031	0.23	0.044	U	0.11	U	0.18	0.24	0.045
Trichloroethene (TCE)	U	0.0047	0.036	0.0066	8.5	0.016	1.6	0.027	0.13	0.0067
Tetrachloroethene (PCE)	U	0.0037	0.22	0.0052	0.67	0.012	11	0.021	0.44	0.0053

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

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Sample Number	43700		43702		43703		43706		43712	
	Sample Location	0112	Sample Location	0103	Sublocation/Sub Sublocation	FirstFloor / FF1	GroundFloor / GF1	FirstFloor / FF1	GroundFloor / GF2	GroundFloor GF1
Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.013	U	0.014	U	0.015	U	0.013	U	0.013
1,1-Dichloroethene (1,1-DCE)	U	0.0086	U	0.0089	U	0.0096	U	0.0086	U	0.0084
trans-1,2-Dichloroethene	U	0.0086	U	0.0089	U	0.0096	U	0.0086	U	0.0084
1,1-Dichloroethane (1,1-DCA)	U	0.0084	U	0.0087	U	0.0094	U	0.0085	U	0.0082
cis-1,2-Dichloroethene	U	0.0086	U	0.0089	U	0.0096	U	0.0086	U	0.0084
1,1,1-Trichloroethane (TCA)	0.035	0.0062	0.18	0.0065	0.19	0.007	0.026	0.0063	0.024	0.0061
Benzene	0.26	0.043	1.7	0.044	1.8	0.048	0.24	0.043	0.29	0.042
Trichloroethene (TCE)	0.10	0.0063	0.12	0.0066	0.12	0.0071	0.036	0.0064	0.020	0.0062
Tetrachloroethene (PCE)	0.35	0.0050	0.32	0.0052	0.33	0.0056	0.24	0.0051	0.099	0.0049

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number 43713
Sample Location 0209
Sublocation/Sub Sublocation FirstFloor / FF1

Analyte	Result ppbv	RL ppbv
Vinyl Chloride	U	0.013
1,1-Dichloroethene (1,1-DCE)	0.0091	0.0085
trans-1,2-Dichloroethene	U	0.0085
1,1-Dichloroethane (1,1-DCA)	U	0.0083
cis-1,2-Dichloroethene	U	0.0085
1,1,1-Trichloroethane (TCA)	0.017	0.0061
Benzene	0.28	0.042
Trichloroethene (TCE)	0.017	0.0062
Tetrachloroethene (PCE)	0.070	0.0049

Table 1.1a (cont) Result of the Analysis for VOC (ppbv) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number 2/22/2008
Sample Location Method Blank 43707
Sublocation/Sub Sublocation FirstFloor / FF1 0162

Analyte	Result ppbv	RL ppbv	Result ppbv	RL ppbv
Vinyl Chloride	U	0.010	U	0.014
1,1-Dichloroethene (1,1-DCE)	U	0.0063	0.01	0.0088
trans-1,2-Dichloroethene	U	0.0063	U	0.0088
1,1-Dichloroethane (1,1-DCA)	U	0.0062	U	0.0086
cis-1,2-Dichloroethene	U	0.0063	U	0.0088
1,1,1-Trichloroethane (TCA)	U	0.0046	0.025	0.0064
Benzene	U	0.031	0.25	0.044
Trichloroethene (TCE)	U	0.0047	0.034	0.0065
Tetrachloroethene (PCE)	U	0.0037	0.18	0.0051

Table 1.1b Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15										Page 1 of 18	
Sample Number	2/8/2008		40773		40772		40771		40770		
Sample Location	Method Blank		0027		0101		0066		0053		
Sublocation	Sub-slab										
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.10	U	0.16	U	0.16	U	0.16	U	0.15	
1,1-Dichloroethene (1,1-DCE)	U	0.10	U	0.16	U	0.16	U	0.16	U	0.15	
trans-1,2-Dichloroethene	U	0.10	U	0.16	U	0.16	U	0.16	U	0.15	
1,1-Dichloroethane (1,1-DCA)	U	0.10	U	0.16	U	0.16	U	0.16	U	0.15	
cis-1,2-Dichloroethene	U	0.10	U	0.16	U	0.16	U	0.16	U	0.15	
1,1,1-Trichloroethane (TCA)	U	0.10	0.59	0.16	0.77	0.16	0.21	0.16	0.27	0.15	
Benzene	U	0.10	0.69	0.16	U	0.16	U	0.16	U	0.15	
Trichloroethene (TCE)	U	0.10	1.1	0.16	5.3	0.16	U	0.16	0.30	0.15	
Tetrachloroethene (PCE)	U	0.10	38	0.16	28	0.16	27	0.16	0.75	0.15	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15										
Sample Number	40766		40767		40768		40769		40777	
Sample Location	0060		0060		0054		0054		0032	
Sublocation	Sub-slab		Sub-slab		Sub-slab		Ambient		Sub-slab	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.11	U	0.15	U	0.16	U	0.16	U	0.15
1,1-Dichloroethene (1,1-DCE)	U	0.11	3.8	0.15	U	0.16	U	0.16	U	0.15
trans-1,2-Dichloroethene	U	0.11	0.21	0.15	U	0.16	U	0.16	U	0.15
1,1-Dichloroethane (1,1-DCA)	0.59	0.11	0.64	0.15	U	0.16	U	0.16	U	0.15
cis-1,2-Dichloroethene	0.35	0.11	3.1	0.15	U	0.16	U	0.16	U	0.15
1,1,1-Trichloroethane (TCA)	1.9	0.11	8.0	0.15	0.36	0.16	U	0.16	0.17	0.15
Benzene	U	0.11	0.38	0.15	U	0.16	0.73	0.16	U	0.15
Trichloroethene (TCE)	4.6	0.11	77	0.15	U	0.16	U	0.16	0.75	0.15
Tetrachloroethene (PCE)	39	0.11	77	0.15	3.1	0.16	0.39	0.16	6.6	0.15

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15										
Sample Number	40778		40779		40780		40774		40775	
Sample Location	0128		0077		0234		0008		0026	
Sublocation	Sub-slab									
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.15	U	0.15	U	0.14	U	0.16	U	0.15
1,1-Dichloroethene (1,1-DCE)	U	0.15	U	0.15	U	0.14	U	0.16	U	0.15
trans-1,2-Dichloroethene	U	0.15	U	0.15	U	0.14	U	0.16	U	0.15
1,1-Dichloroethane (1,1-DCA)	U	0.15	U	0.15	U	0.14	U	0.16	U	0.15
cis-1,2-Dichloroethene	U	0.15	U	0.15	U	0.14	U	0.16	U	0.15
1,1,1-Trichloroethane (TCA)	34	0.15	U	0.15	0.24	0.14	0.22	0.16	0.30	0.15
Benzene	U	0.15	U	0.15	U	0.14	U	0.16	U	0.15
Trichloroethene (TCE)	U	0.15	U	0.15	U	0.14	U	0.16	U	0.15
Tetrachloroethene (PCE)	1.3	0.15	2.5	0.15	1.7	0.14	0.98	0.16	2.0	0.15

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

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Analyte	Sample Number		Sample Location		Sublocation	
	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.16	U	0.15	94	1.6
1,1-Dichloroethene (1,1-DCE)	U	0.16	U	0.15	180	1.6
trans-1,2-Dichloroethene	U	0.16	U	0.15	260	1.6
1,1-Dichloroethane (1,1-DCA)	U	0.16	U	0.15	2.3	1.6
cis-1,2-Dichloroethene	U	0.16	U	0.15	2600	3.9
1,1,1-Trichloroethane (TCA)	0.19	0.16	U	0.15	U	1.6
Benzene	U	0.16	0.71	0.15	U	1.6
Trichloroethene (TCE)	U	0.16	U	0.15	670	1.6
Tetrachloroethene (PCE)	3.0	0.16	0.28	0.15	1100	1.6

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

Analyte	Sample Number		Sample Location		Sublocation		Sample Number		Sample Location		Sublocation	
	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$										
Vinyl Chloride	U	0.10	U	0.14	U	0.15	U	0.15	U	0.15	U	0.15
1,1-Dichloroethene (1,1-DCE)	U	0.10	U	0.14	U	0.15	U	0.15	U	0.15	U	0.15
trans-1,2-Dichloroethene	U	0.10	U	0.14	U	0.15	U	0.15	U	0.15	U	0.15
1,1-Dichloroethane (1,1-DCA)	U	0.10	U	0.14	U	0.15	U	0.15	U	0.15	U	0.15
cis-1,2-Dichloroethene	U	0.10	U	0.14	U	0.15	U	0.15	U	0.15	U	0.15
1,1,1-Trichloroethane (TCA)	U	0.10	0.17	0.14	0.49	0.15	U	0.15	U	0.15	U	0.15
Benzene	U	0.10	U	0.14	U	0.15	U	0.15	U	0.15	U	0.15
Trichloroethene (TCE)	U	0.10	U	0.14	12	0.15	U	0.15	U	0.15	U	0.15
Tetrachloroethene (PCE)	U	0.10	2.0	0.14	28	0.15	2.2	0.15	0.55	0.15		

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15

Analyte	Sample Number		Sample Location		Sublocation		Sample Number		Sample Location		Sublocation	
	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$										
Vinyl Chloride	U	0.14	U	0.16	U	0.15	U	0.15	U	0.15	U	0.17
1,1-Dichloroethene (1,1-DCE)	U	0.14	U	0.16	U	0.15	U	0.15	U	0.15	U	0.17
trans-1,2-Dichloroethene	U	0.14	7.7	0.16	U	0.15	U	0.15	U	0.15	U	0.17
1,1-Dichloroethane (1,1-DCA)	U	0.14	0.24	0.16	U	0.15	0.15	0.15	0.15	0.15	U	0.17
cis-1,2-Dichloroethene	U	0.14	26	0.16	U	0.15	0.32	0.15	U	0.15	U	0.17
1,1,1-Trichloroethane (TCA)	U	0.14	0.23	0.16	0.16	0.15	0.24	0.15	U	0.15	U	0.17
Benzene	0.21	0.14	0.24	0.16	0.22	0.15	0.17	0.15	1.0	0.15		
Trichloroethene (TCE)	U	0.14	230	1.6	U	0.15	0.38	0.15	U	0.15	U	0.17
Tetrachloroethene (PCE)	35	0.14	590	1.6	1.1	0.15	20	0.15	0.51	0.15		

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15										Page 3 of 18	
Sample Number	40795		40808		40804		40806		40807		
Sample Location	0083	Sub-slab	0308	Sub-slab	0009	Sub-slab	0119	Sub-slab	0252	Sub-slab	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.14	U	0.16	U	0.15	U	0.14	U	0.12	
1,1-Dichloroethene (1,1-DCE)	U	0.14	U	0.16	U	0.15	U	0.14	U	0.12	
trans-1,2-Dichloroethene	U	0.14	U	0.16	0.30	0.15	0.22	0.14	U	0.12	
1,1-Dichloroethane (1,1-DCA)	U	0.14	U	0.16	U	0.15	U	0.14	U	0.12	
cis-1,2-Dichloroethene	0.44	0.14	U	0.16	U	0.15	0.37	0.14	U	0.12	
1,1,1-Trichloroethane (TCA)	0.15	0.14	1.5	0.16	0.25	0.15	U	0.14	0.47	0.12	
Benzene	U	0.14	U	0.16	U	0.15	0.15	0.14	5.3	0.12	
Trichloroethene (TCE)	0.41	0.14	21	0.16	18	0.15	13	0.14	1.0	0.12	
Tetrachloroethene (PCE)	24	0.14	5.3	0.16	57	0.15	43	0.14	7.9	0.12	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15											
Sample Number	2/12/2008		40784		40798		40783		40796		
Sample Location	Method Blank	Sub-slab	Trip-Blank	Sub-slab	0035	Sub-slab	0320	Sub-slab	0139	Sub-slab	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.10	U	0.10	U	0.17	U	16	U	0.15	
1,1-Dichloroethene (1,1-DCE)	U	0.10	U	0.10	U	0.17	16	16	U	0.15	
trans-1,2-Dichloroethene	U	0.10	U	0.10	U	0.17	U	16	U	0.15	
1,1-Dichloroethane (1,1-DCA)	U	0.10	U	0.10	U	0.17	U	16	U	0.15	
cis-1,2-Dichloroethene	U	0.10	U	0.10	U	0.17	14000	16	U	0.15	
1,1,1-Trichloroethane (TCA)	U	0.10	U	0.10	0.18	0.17	U	16	0.31	0.15	
Benzene	U	0.10	U	0.10	0.18	0.17	U	16	0.45	0.15	
Trichloroethene (TCE)	U	0.10	U	0.10	U	0.17	1300	16	8.1	0.15	
Tetrachloroethene (PCE)	U	0.10	U	0.10	1.8	0.17	12000	16	4.8	0.15	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15									
Sample Number	40796A								
Sample Location	0139	Ambient							
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$							
Vinyl Chloride	U	0.15							
1,1-Dichloroethene (1,1-DCE)	U	0.15							
trans-1,2-Dichloroethene	U	0.15							
1,1-Dichloroethane (1,1-DCA)	U	0.15							
cis-1,2-Dichloroethene	U	0.15							
1,1,1-Trichloroethane (TCA)	U	0.15							
Benzene	1.2	0.15							
Trichloroethene (TCE)	U	0.15							
Tetrachloroethene (PCE)	0.54	0.15							

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	2/11/2008		40968		40969		40970		40971	
	Sample Location	Method Blank	0073		0073		0073		0073	
			Sub-slab Port1		Sub-slab Port2		GroundFloor		FirstFloor	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.025	U	3.7	U	3.3	U	0.036	U	0.036
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	3.7	U	3.3	U	0.036	U	0.036
trans-1,2-Dichloroethene	U	0.025	31	3.7	25	3.3	0.13	0.036	0.11	0.036
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	3.7	U	3.3	U	0.036	U	0.036
cis-1,2-Dichloroethene	U	0.025	35	3.7	15	3.3	0.12	0.036	0.068	0.036
1,1,1-Trichloroethane (TCA)	U	0.025	U	3.7	U	3.3	0.085	0.036	0.088	0.036
Benzene	U	0.10	U	15	U	13	0.92	0.15	0.91	0.14
Trichloroethene (TCE)	U	0.025	610	3.7	580	3.3	3.4	0.036	3.2	0.036
Tetrachloroethene (PCE)	U	0.025	1600	3.7	1600	3.3	12	0.036	12	0.036

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	40890		40891		40892	
	Sample Location	0029	0029		0029	
			Sub-slab		GroundFloor 1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.36	U	0.035	U	0.041
1,1-Dichloroethene (1,1-DCE)	U	0.36	U	0.035	U	0.041
trans-1,2-Dichloroethene	0.90	0.36	U	0.035	U	0.041
1,1-Dichloroethane (1,1-DCA)	U	0.36	U	0.035	U	0.041
cis-1,2-Dichloroethene	0.51	0.36	U	0.035	U	0.041
1,1,1-Trichloroethane (TCA)	U	0.36	0.081	0.035	0.083	0.041
Benzene	U	1.4	0.84	0.14	0.87	0.16
Trichloroethene (TCE)	64	0.36	0.37	0.035	0.38	0.041
Tetrachloroethene (PCE)	430	1.4	2.1	0.035	2.1	0.041

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/12/2008		40885		40886		40887		40888	
	Sample Location	Method Blank	0031		0031		0031		0031	
			Sub-slab Port2		Sub-slab Port1		GroundFloor		FirstFloor	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.025	U	0.035	U	0.088	U	0.036	U	0.037
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.035	U	0.088	0.10	0.036	0.18	0.037
trans-1,2-Dichloroethene	U	0.025	U	0.035	U	0.088	U	0.036	U	0.037
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.035	U	0.088	U	0.036	U	0.037
cis-1,2-Dichloroethene	U	0.025	U	0.035	U	0.088	U	0.036	U	0.037
1,1,1-Trichloroethane (TCA)	U	0.025	0.1	0.035	2.1	0.088	0.11	0.036	0.10	0.037
Benzene	U	0.10	0.15	0.14	U	0.35	1.0	0.15	1.3	0.15
Trichloroethene (TCE)	U	0.025	0.098	0.035	56	0.088	0.43	0.036	0.32	0.037
Tetrachloroethene (PCE)	U	0.025	2.8	0.035	4.8	0.088	0.37	0.036	0.90	0.037

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	40889		Sample Location	40893	
Sublocation	0031		Sublocation	0029	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.033	U	0.039	
1,1-Dichloroethene (1,1-DCE)	U	0.033	U	0.039	
trans-1,2-Dichloroethene	U	0.033	U	0.039	
1,1-Dichloroethane (1,1-DCA)	U	0.033	U	0.039	
cis-1,2-Dichloroethene	U	0.033	U	0.039	
1,1,1-Trichloroethane (TCA)	0.11	0.033	0.095	0.039	
Benzene	0.90	0.13	0.93	0.16	
Trichloroethene (TCE)	0.10	0.033	0.26	0.039	
Tetrachloroethene (PCE)	0.26	0.033	1.3	0.039	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/13/2008		Sample Location	40961		Sublocation	40962		Sublocation	40963		Sublocation	40964	
Sublocation	Method Blank		Sublocation	0021		Sublocation	0021		Sublocation	0021		Sublocation	0021	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.025	U	1.6		U	0.72		U	0.036		U	0.085	
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	1.6		U	0.72		U	0.036		U	0.085	
trans-1,2-Dichloroethene	U	0.025	11	1.6		9.5	0.72		U	0.036		U	0.085	
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	1.6		U	0.72		U	0.036		U	0.085	
cis-1,2-Dichloroethene	U	0.025	21	1.6		18	0.72		U	0.036		U	0.085	
1,1,1-Trichloroethane (TCA)	U	0.025	U	1.6		U	0.72		0.13	0.036	0.16	0.085		
Benzene	U	0.10	U	6.3		U	2.9		0.78	0.14	0.89	0.34		
Trichloroethene (TCE)	U	0.025	320	1.6		290	0.72		0.53	0.036	0.45	0.085		
Tetrachloroethene (PCE)	U	0.025	1000	1.6		620	1.4		1.5	0.036	1.3	0.085		

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	40965		Sample Location	40966		Sublocation	40967		Sublocation	40972		Sublocation	40973	
Sublocation	0050		Sublocation	0050		Sublocation	0050		Sublocation	0115		Sublocation	0115	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	1.2	U	0.039		U	0.084		U	0.038		U	0.033	
1,1-Dichloroethene (1,1-DCE)	U	1.2	U	0.039		U	0.084		0.076	0.038		U	0.033	
trans-1,2-Dichloroethene	2.9	1.2	U	0.039		U	0.084		U	0.038		U	0.033	
1,1-Dichloroethane (1,1-DCA)	U	1.2	U	0.039		U	0.084		0.064	0.038		U	0.033	
cis-1,2-Dichloroethene	1.6	1.2	U	0.039		U	0.084		U	0.038		U	0.033	
1,1,1-Trichloroethane (TCA)	3.8	1.2	0.11	0.039		0.14	0.084		5.0	0.038	0.099	0.033		
Benzene	U	4.9	0.78	0.15		0.96	0.33		0.22	0.15	0.94	0.13		
Trichloroethene (TCE)	120	1.2	0.76	0.039		0.60	0.084		120	0.38	0.66	0.033		
Tetrachloroethene (PCE)	660	1.2	4.6	0.039		3.5	0.084		27	0.038	0.33	0.033		

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Analyte	40894		40895		40896	
	Sample Number	0047	Sample Location	0047	Sublocation	0047
	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.076	U	0.038	U	0.036
1,1-Dichloroethene (1,1-DCE)	U	0.076	U	0.038	U	0.036
trans-1,2-Dichloroethene	U	0.076	U	0.038	U	0.036
1,1-Dichloroethane (1,1-DCA)	U	0.076	U	0.038	U	0.036
cis-1,2-Dichloroethene	U	0.076	U	0.038	U	0.036
1,1,1-Trichloroethane (TCA)	0.26	0.076	0.080	0.038	0.077	0.036
Benzene	0.38	0.30	0.74	0.15	0.79	0.14
Trichloroethene (TCE)	34	0.076	0.30	0.038	0.15	0.036
Tetrachloroethene (PCE)	60	0.076	1.2	0.038	1.8	0.036

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Analyte	2/14/2008		40974		40975	
	Sample Number	Method Blank	0115	FirstFloor	Trip Blank	
	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.025	U	0.039	U	0.025
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.039	U	0.025
trans-1,2-Dichloroethene	U	0.025	U	0.039	U	0.025
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.039	U	0.025
cis-1,2-Dichloroethene	U	0.025	U	0.039	U	0.025
1,1,1-Trichloroethane (TCA)	U	0.025	0.080	0.039	U	0.025
Benzene	U	0.10	1.6	0.16	U	0.10
Trichloroethene (TCE)	U	0.025	0.33	0.039	U	0.025
Tetrachloroethene (PCE)	U	0.025	0.26	0.039	U	0.025

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Analyte	2/11/2008		40986		40985		40987	
	Sample Number	Method Blank	0123	Sub-slab / Port 1	0110	Ambient	0123	GroundFloor / GF1
	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$						
Vinyl Chloride	U	0.025	380	7.3	U	0.036	1.9	0.037
1,1-Dichloroethene (1,1-DCE)	U	0.025	650	7.3	U	0.036	3.2	0.037
trans-1,2-Dichloroethene	U	0.025	1200	7.3	U	0.036	5.9	0.037
1,1-Dichloroethane (1,1-DCA)	U	0.025	15	7.3	U	0.036	0.085	0.037
cis-1,2-Dichloroethene	U	0.025	12000	36	U	0.036	61	0.37
1,1,1-Trichloroethane (TCA)	U	0.025	U	7.3	0.085	0.036	0.13	0.037
Benzene	U	0.10	U	29	0.96	J 0.14	0.95	J 0.15
Trichloroethene (TCE)	U	0.025	2800	7.3	0.13	0.036	18	0.037
Tetrachloroethene (PCE)	U	0.025	4400	7.3	0.51	0.036	32	0.037

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

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Sample Number	2/13/2008	40988									
Sample Location	Method Blank	0123									
Sublocation/Sub Sublocation	FirstFloor / FF1										
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$							
Vinyl Chloride	U 0.025		0.84	0.035							
1,1-Dichloroethene (1,1-DCE)	U 0.025		1.4	0.035							
trans-1,2-Dichloroethene	U 0.025		2.6	0.035							
1,1-Dichloroethane (1,1-DCA)	U 0.025		0.038	0.035							
cis-1,2-Dichloroethene	U 0.025		29 J	0.035							
1,1,1-Trichloroethane (TCA)	U 0.025		0.11	0.035							
Benzene	U 0.10		0.91 J	0.14							
Trichloroethene (TCE)	U 0.025		7.2	0.035							
Tetrachloroethene (PCE)	U 0.025		13	0.035							

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number	2/14/2008	40977	40978	40979	40981						
Sample Location	Method Blank	0312	0312	0064	0064						
Sublocation/Sub Sublocation	GroundFloor / GF1			FirstFloor / FF1			Sub-slab / Port 1			FirstFloor FF 1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U 0.025		U 0.037		U 0.037		U 1.3		U 0.068		
1,1-Dichloroethene (1,1-DCE)	U 0.025		U 0.037		U 0.037		U 1.3		U 0.068		
trans-1,2-Dichloroethene	U 0.025		U 0.037		U 0.037		18 1.3		0.12 0.068		
1,1-Dichloroethane (1,1-DCA)	U 0.025		U 0.037		U 0.037		1.6 1.3		U 0.068		
cis-1,2-Dichloroethene	U 0.025		U 0.037		U 0.037		22 1.3		0.18 0.068		
1,1,1-Trichloroethane (TCA)	U 0.025		0.098 0.037		0.099 0.037		U 1.3		0.087 0.068		
Benzene	U 0.10		0.87 J 0.15		0.80 J 0.15		U 5.3		1.1 J 0.27		
Trichloroethene (TCE)	U 0.025		0.14 0.037		0.13 0.037		400 1.3		2.6 0.068		
Tetrachloroethene (PCE)	U 0.025		0.28 0.037		0.25 0.037		970 1.3		6.6 0.068		

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number	40980	40982	40983	40984	40989						
Sample Location	0064	0110	0110	0110	0090						
Sublocation/Sub Sublocation	GroundFloor / GF1		Sub-slab / Port 1		GroundFloor / GF1		FirstFloor / FF1		Sub-slab / Port 1		
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U 0.034		U 1.4		U 0.036		U 0.039		U 0.075		
1,1-Dichloroethene (1,1-DCE)	U 0.034		U 1.4		U 0.036		U 0.039		U 0.075		
trans-1,2-Dichloroethene	0.14 0.034		13 1.4		0.052 0.036		0.039 0.039		2.7 0.075		
1,1-Dichloroethane (1,1-DCA)	U 0.034		1.4 1.4		U 0.036		U 0.039		0.14 0.075		
cis-1,2-Dichloroethene	0.20 0.034		22 1.4		0.074 0.036		0.056 0.039		5.4 0.075		
1,1,1-Trichloroethane (TCA)	0.086 0.034		U 1.4		0.093 0.036		0.13 0.039		0.18 0.075		
Benzene	0.88 J 0.13		U 5.4		1.3 J 0.15		2.6 J 0.15		U 0.30		
Trichloroethene (TCE)	2.9 0.034		370 1.4		1.4 0.036		0.95 0.039		130 1.5		
Tetrachloroethene (PCE)	7.2 0.034		1100 1.4		4.5 0.036		3.8 0.039		490 1.5		

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

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Sample Number Sample Location Sublocation/Sub Sublocation	40990		40992		40976	
	0090		0056		0312	
	GroundFloor / GF1		Sub-slab / Port 1		Sub-slab / Port 1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.038	U	0.19	U	0.070
1,1-Dichloroethene (1,1-DCE)	U	0.038	U	0.19	U	0.070
trans-1,2-Dichloroethene	U	0.038	0.68	0.19	U	0.070
1,1-Dichloroethane (1,1-DCA)	U	0.038	U	0.19	U	0.070
cis-1,2-Dichloroethene	U	0.038	0.29	0.19	U	0.070
1,1,1-Trichloroethane (TCA)	0.085	0.038	0.33	0.19	1.1	0.070
Benzene	0.97 J	0.15	U	0.78	U	0.28
Trichloroethene (TCE)	0.60	0.038	36	0.19	34	0.070
Tetrachloroethene (PCE)	2.2	0.038	250	0.78	5.9	0.070

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number Sample Location Sublocation/Sub Sublocation	2/15/2008		41158		40995		40997		40991	
	Method Blank		Trip-Blank		0056		0139		0090	
					FirstFloor / FF1		Sub-slab / Port 2		FirstFloor / FF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.025	U	0.025	U	0.038	U	0.063	U	0.032
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.025	U	0.038	U	0.063	U	0.032
trans-1,2-Dichloroethene	U	0.025	U	0.025	U	0.038	U	0.063	U	0.032
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.025	U	0.038	U	0.063	U	0.032
cis-1,2-Dichloroethene	U	0.025	U	0.025	U	0.038	U	0.063	U	0.032
1,1,1-Trichloroethane (TCA)	U	0.025	U	0.025	0.091	0.038	0.17	0.063	0.086	0.032
Benzene	U	0.10	U	0.10	2.1 J	0.15	U	0.25	0.94 J	0.13
Trichloroethene (TCE)	U	0.025	U	0.025	0.27	0.038	25	0.063	0.50	0.032
Tetrachloroethene (PCE)	U	0.025	U	0.025	3.4	0.038	13	0.063	1.8	0.032

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM

Sample Number Sample Location Sublocation/Sub Sublocation	40993		40994		40998		40999		41000	
	0056		0056		0139		0139		0171	
	GroundFloor / GF1		GroundFloor / GF2		GroundFloor / GF1		FirstFloor / FF1		Sub-slab / Port 1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.040	U	0.036	U	0.032	U	0.037	U	0.088
1,1-Dichloroethene (1,1-DCE)	U	0.040	U	0.036	U	0.032	0.067	0.037	0.14	0.088
trans-1,2-Dichloroethene	U	0.040	U	0.036	U	0.032	U	0.037	U	0.088
1,1-Dichloroethane (1,1-DCA)	U	0.040	U	0.036	U	0.032	U	0.037	U	0.088
cis-1,2-Dichloroethene	U	0.040	U	0.036	U	0.032	U	0.037	U	0.088
1,1,1-Trichloroethane (TCA)	0.10	0.040	0.10	0.036	0.80	0.032	3.8	0.037	0.81	0.088
Benzene	3.6 J	0.16	3.3 J	0.14	1.1 J	0.13	1.1 J	0.15	U	0.35
Trichloroethene (TCE)	1.3	0.040	1.3	0.036	0.21	0.032	0.19	0.037	45	0.088
Tetrachloroethene (PCE)	7.7	0.040	8.1	0.036	0.79	0.032	2.6	0.037	25	0.088

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM										Page 9 of 18	
Sample Number	2/18/2008	40996		41153		41155		41154			
Sample Location	Method Blank	0139	Sub-slab / Port 1	0171	GroundFloor / GF1	0049	Sub-slab / Port 1	0171	FirstFloor / FF1		
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.025	U	0.037	U	0.047	U	0.32	U	0.038	
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.037	U	0.047	U	0.32	U	0.038	
trans-1,2-Dichloroethene	U	0.025	U	0.037	U	0.047	8.3	0.32	U	0.038	
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.037	U	0.047	U	0.32	U	0.038	
cis-1,2-Dichloroethene	U	0.025	U	0.037	U	0.047	28	0.32	U	0.038	
1,1,1-Trichloroethane (TCA)	U	0.025	0.11	0.037	0.081	0.047	U	0.32	0.079	0.038	
Benzene	U	0.10	U	0.15	1.2 J	0.19	U	1.3	1.2 J	0.15	
Trichloroethene (TCE)	U	0.025	13	0.037	0.36	0.047	200	0.32	0.22	0.038	
Tetrachloroethene (PCE)	U	0.025	7.1	0.037	0.58	0.047	470	1.3	0.36	0.038	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM										
Sample Number	41156	41157								
Sample Location	0049	0049								
Sublocation/Sub Sublocation		GroundFloor / GF1		FirstFloor / FF1						
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.038	U	0.041						
1,1-Dichloroethene (1,1-DCE)	U	0.038	U	0.041						
trans-1,2-Dichloroethene	0.10	0.038	0.079	0.041						
1,1-Dichloroethane (1,1-DCA)	U	0.038	U	0.041						
cis-1,2-Dichloroethene	0.38	0.038	0.28	0.041						
1,1,1-Trichloroethane (TCA)	0.084	0.038	0.084	0.041						
Benzene	0.88 J	0.15	0.93 J	0.16						
Trichloroethene (TCE)	2.0	0.038	1.4	0.041						
Tetrachloroethene (PCE)	5.0	0.038	4.1	0.041						

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method : TO-15 SIM											
Sample Number	2/13/2008	41159		41160		41163		41161			
Sample Location	Method Blank	0065	0065	0065	0190	0065	0190	0065	0190		
Sublocation/Sub Sublocation		Sub-slab / Port 1		GroundFloor / GF1		Sub-slab / Port 1		Sub-slab / Port 1		FirstFloor / FF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.10	U	0.97	U	0.15	U	0.60	U	0.16	
1,1-Dichloroethene (1,1-DCE)	U	0.10	U	0.97	U	0.15	U	0.60	U	0.16	
trans-1,2-Dichloroethene	U	0.10	4.1	0.97	U	0.15	U	0.60	U	0.16	
1,1-Dichloroethane (1,1-DCA)	U	0.10	U	0.97	U	0.15	U	0.60	U	0.16	
cis-1,2-Dichloroethene	U	0.10	1.4	0.97	0.16	0.15	U	0.60	U	0.16	
1,1,1-Trichloroethane (TCA)	U	0.10	U	0.97	U	0.15	2.6	0.60	U	0.16	
Benzene	U	0.10	U	0.97	0.75	0.15	U	0.60	0.92	0.16	
Trichloroethene (TCE)	U	0.10	250	0.97	1.1	0.15	1.8	0.60	0.58	0.16	
Tetrachloroethene (PCE)	U	0.10	990	0.97	5.0	0.15	700	3.0	2.9	0.16	

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	41162		41164		43161		43162		43163	
	Sample Location	0065	Sublocation/Sub Sublocation	Ambient	GroundFloor / GF1	GroundFloor / GF2	Sub-slab / Port 1	GroundFloor / GF1	0038	0038
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.14	U	0.16	U	0.14	4.9	1.5	U	0.15
1,1-Dichloroethene (1,1-DCE)	U	0.14	U	0.16	U	0.14	8.6	1.5	U	0.15
trans-1,2-Dichloroethene	U	0.14	U	0.16	U	0.14	62	1.5	0.20	0.15
1,1-Dichloroethane (1,1-DCA)	U	0.14	U	0.16	U	0.14	2.0	1.5	U	0.15
cis-1,2-Dichloroethene	0.75 J	0.14	U	0.16	U	0.14	1300	1.5	3.0	0.15
1,1,1-Trichloroethane (TCA)	U	0.14	0.22	0.16	0.21	0.14	U	1.5	0.19	0.15
Benzene	0.72	0.14	1.5	0.16	1.5	0.14	U	1.5	0.92	0.15
Trichloroethene (TCE)	U	0.14	0.37	0.16	0.35	0.14	420	1.5	1.9	0.15
Tetrachloroethene (PCE)	0.33	0.14	2.4	0.16	2.5	0.14	1500	1.5	6.7	0.15

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	43164		43176		43177		43184	
	Sample Location	0038	Sublocation/Sub Sublocation	GroundFloor / GF2	GroundFloor / GF2	FirstFloor / FF1	Trip-Blank	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.15	U	0.16	U	0.16	U	0.10
1,1-Dichloroethene (1,1-DCE)	U	0.15	U	0.16	U	0.16	U	0.10
trans-1,2-Dichloroethene	0.18	0.15	U	0.16	U	0.16	U	0.10
1,1-Dichloroethane (1,1-DCA)	U	0.15	U	0.16	U	0.16	U	0.10
cis-1,2-Dichloroethene	3.0	0.15	U	0.16	U	0.16	U	0.10
1,1,1-Trichloroethane (TCA)	0.21	0.15	0.30	0.16	0.18	0.16	U	0.10
Benzene	0.95	0.15	0.90	0.16	0.96	0.16	U	0.10
Trichloroethene (TCE)	2.0	0.15	U	0.16	U	0.16	U	0.10
Tetrachloroethene (PCE)	6.9	0.15	0.54	0.16	0.58	0.16	U	0.10

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/13/2008		43186		43185		43169		43165	
	Sample Location	Method Blank	0121	GroundFloor / GF1	0121	Sub-slab / Port1	0299	Sub-slab / Port 1	0299	0038
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.10	1.0	0.16	98	7.3	U	26	U	0.15
1,1-Dichloroethene (1,1-DCE)	U	0.10	2.2	0.16	240	7.3	U	26	U	0.15
trans-1,2-Dichloroethene	U	0.10	4.6	0.16	520	7.3	U	26	U	0.15
1,1-Dichloroethane (1,1-DCA)	U	0.10	U	0.16	9.8	7.3	U	26	U	0.15
cis-1,2-Dichloroethene	U	0.10	61	0.16	7500	7.3	U	26	1.3	0.15
1,1,1-Trichloroethane (TCA)	U	0.10	U	0.16	U	7.3	U	26	0.38	0.15
Benzene	U	0.10	0.96	0.16	U	7.3	U	26	0.85	0.15
Trichloroethene (TCE)	U	0.10	8.8	0.16	940	7.3	230	26	0.80	0.15
Tetrachloroethene (PCE)	U	0.10	12	0.16	1200	7.3	93000	160	2.8	0.15

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method	TO-15 SIM										Page 11 of 18
Sample Number	43166		43167		43168		43171		43172		
Sample Location	0169		0169		0169		0299		0299		
Sublocation/Sub Sublocation	Sub-slab / Port 1		GroundFloor / GF1		FirstFloor / FF1		GroundFloor / GF1		FirstFloor / FF1		
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.16	U	0.16	U	0.15	U	0.15	U	0.14	
1,1-Dichloroethene (1,1-DCE)	U	0.16	U	0.16	U	0.15	U	0.15	U	0.14	
trans-1,2-Dichloroethene	U	0.16	U	0.16	U	0.15	U	0.15	U	0.14	
1,1-Dichloroethane (1,1-DCA)	U	0.16	U	0.16	U	0.15	U	0.15	U	0.14	
cis-1,2-Dichloroethene	U	0.16	U	0.16	U	0.15	U	0.15	U	0.14	
1,1,1-Trichloroethane (TCA)	0.39	0.16	U	0.16	U	0.15	1.1	0.15	4.4	0.14	
Benzene	U	0.16	0.74	0.16	0.76	0.15	6.3	0.15	4.2	0.14	
Trichloroethene (TCE)	49	0.16	0.43	0.16	0.42	0.15	3.0	0.15	2.2	0.14	
Tetrachloroethene (PCE)	6.0	0.16	7.0	0.16	7.4	0.15	530	1.5	350	1.4	

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method	TO-15 SIM										
Sample Number	43173		43174								
Sample Location	0299		0170								
Sublocation/Sub Sublocation	FirstFloor / FF2		Sub-slab / Port 1								
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$							
Vinyl Chloride	U	0.15	U	0.16							
1,1-Dichloroethene (1,1-DCE)	U	0.15	U	0.16							
trans-1,2-Dichloroethene	U	0.15	U	0.16							
1,1-Dichloroethane (1,1-DCA)	U	0.15	U	0.16							
cis-1,2-Dichloroethene	U	0.15	U	0.16							
1,1,1-Trichloroethane (TCA)	1.7	0.15	0.33	0.16							
Benzene	5.0	0.15	U	0.16							
Trichloroethene (TCE)	2.7	0.15	23	0.16							
Tetrachloroethene (PCE)	440	1.5	7.5	0.16							

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method	TO-15 SIM										
Sample Number	2/14/2008		43170		43187		43188				
Sample Location	Method Blank		0299		0121		0107				
Sublocation/Sub Sublocation	Sub-slab / Port 2		FirstFloor / FF1		Sub-slab / B Port 1						
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.10	U	22	0.65	0.15	U	1.6			
1,1-Dichloroethene (1,1-DCE)	U	0.10	U	22	1.6	0.15	U	1.6			
trans-1,2-Dichloroethene	U	0.10	U	22	3.3	0.15	U	1.6			
1,1-Dichloroethane (1,1-DCA)	U	0.10	U	22	U	0.15	U	1.6			
cis-1,2-Dichloroethene	U	0.10	U	22	41	0.15	U	1.6			
1,1,1-Trichloroethane (TCA)	U	0.10	U	22	U	0.15	U	1.6			
Benzene	U	0.10	U	22	0.86	0.15	5.6	1.6			
Trichloroethene (TCE)	U	0.10	310	22	6.6	0.15	200	1.6			
Tetrachloroethene (PCE)	U	0.10	120000	150	8.9	0.15	1600	1.6			

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	43189		43190		43191		43192		43193	
Sample Location	0107		0107		0107		0107		0107	
Sublocation/Sub Sublocation	GroundFloor / BGF1		FirstFloor / BFF1		Sub-slab / A Port 1		GroundFloor / AGF1		FirstFloor / AFF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16
1,1-Dichloroethene (1,1-DCE)	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16
trans-1,2-Dichloroethene	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16
1,1-Dichloroethane (1,1-DCA)	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16
cis-1,2-Dichloroethene	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16
1,1,1-Trichloroethane (TCA)	U	0.15	0.16	0.15	0.24	0.15	U	0.16	0.18	0.16
Benzene	1.0	0.15	1.1	0.15	U	0.15	1.1	0.16	1.1	0.16
Trichloroethene (TCE)	1.4	0.15	0.94	0.15	29	0.15	0.31	0.16	0.23	0.16
Tetrachloroethene (PCE)	11	0.15	7.4	0.15	280	1.5	3.2	0.16	2.2	0.16

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/14/2008		43178		43181		43180		43182			
Sample Location	Method Blank		0082		0018		0082		0018			
Sublocation/Sub Sublocation	Sub-slab / Port 1				Sub-slab / Port 1				FirstFloor / FF1		GroundFloor / GF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$										
Vinyl Chloride	U	0.10	29	2.6	100	0.73	0.15	0.15	0.46	0.14		
1,1-Dichloroethene (1,1-DCE)	U	0.10	67	2.6	190	0.73	0.37	0.15	1.3	0.14		
trans-1,2-Dichloroethene	U	0.10	130	2.6	280	0.73	0.66	0.15	2.0	0.14		
1,1-Dichloroethane (1,1-DCA)	U	0.10	3.0	2.6	2.5	0.73	U	0.15	U	0.14		
cis-1,2-Dichloroethene	U	0.10	810	2.6	2500	7.3	3.8	0.15	21	0.14		
1,1,1-Trichloroethane (TCA)	U	0.10	U	2.6	U	0.73	U	0.15	0.47	0.14		
Benzene	U	0.10	U	2.6	1.2	0.73	1.2	0.15	1.1	0.14		
Trichloroethene (TCE)	U	0.10	1200	2.6	760	0.73	6.6	0.15	6.9	0.14		
Tetrachloroethene (PCE)	U	0.10	2400	2.6	1100	7.3	13	0.15	11	0.14		

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	43183		43194		43195		43196		43205	
Sample Location	0018		0052		0052		0052		0052	
Sublocation/Sub Sublocation	FirstFloor / FF1		Sub-slab / Port 1		GroundFloor / GF1		GroundFloor / GF2		FirstFloor / FF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	0.34	0.15	U	0.15	U	0.15	U	0.15	U	0.16
1,1-Dichloroethene (1,1-DCE)	0.99	0.15	U	0.15	U	0.15	U	0.15	U	0.16
trans-1,2-Dichloroethene	1.6	0.15	U	0.15	U	0.15	U	0.15	U	0.16
1,1-Dichloroethane (1,1-DCA)	U	0.15	U	0.15	U	0.15	U	0.15	U	0.16
cis-1,2-Dichloroethene	16	0.15	U	0.15	U	0.15	U	0.15	U	0.16
1,1,1-Trichloroethane (TCA)	0.45	0.15	0.60	0.15	0.22	0.15	0.21	0.15	0.16	0.16
Benzene	1.1	0.15	U	0.15	1.7	0.15	1.7	0.15	2.1	0.16
Trichloroethene (TCE)	5.4	0.15	40	0.15	0.43	0.15	0.46	0.15	0.35	0.16
Tetrachloroethene (PCE)	9.1	0.15	37	0.15	0.62	0.15	0.64	0.15	0.67	0.16

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

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Sample Number	43206		43207		43208		43209		43179	
Sample Location	0052		0069		0069		0069		0082	
Sublocation/Sub Sublocation	Ambient		Sub-slab / Port 1		GroundFloor / GF1		GroundFloor / GF2		GroundFloor / GF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.14	U	0.16	U	9.7	U	11	0.21	0.18
1,1-Dichloroethene (1,1-DCE)	U	0.14	U	0.16	U	9.7	U	11	0.43	0.18
trans-1,2-Dichloroethene	U	0.14	U	0.16	U	9.7	U	11	0.81	0.18
1,1-Dichloroethane (1,1-DCA)	U	0.14	U	0.16	U	9.7	U	11	U	0.18
cis-1,2-Dichloroethene	U	0.14	U	0.16	U	9.7	U	11	4.8	0.18
1,1,1-Trichloroethane (TCA)	0.14	0.14	2.6	0.16	U	9.7	U	11	U	0.18
Benzene	1.1	0.14	U	0.16	U	9.7	U	11	1.1	0.18
Trichloroethene (TCE)	U	0.14	4.4	0.16	U	9.7	U	11	8.3	0.18
Tetrachloroethene (PCE)	0.36	0.14	1200	3.2	U	9.7	U	11	17	0.18

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/15/2008		43175	
Sample Location	Method Blank		0170	
Sublocation/Sub Sublocation	GroundFloor / GF1			
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.025	U	0.052
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.052
trans-1,2-Dichloroethene	U	0.025	U	0.052
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.052
cis-1,2-Dichloroethene	U	0.025	U	0.052
1,1,1-Trichloroethane (TCA)	U	0.025	0.30	0.052
Benzene	U	0.10	0.81 J	0.21
Trichloroethene (TCE)	U	0.025	0.070	0.052
Tetrachloroethene (PCE)	U	0.025	0.61	0.052

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/19/2008		43675		43210		43215		43213	
Sample Location	Method Blank		Trip-Blank		0009		0223		0293	
Sublocation/Sub Sublocation	Sub-slab / Port 1				Sub-slab / Port 1				Sub-slab / Port 1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.025	U	0.025	U	0.079	U	6.2	U	0.15
1,1-Dichloroethene (1,1-DCE)	U	0.025	0.060	0.025	U	0.079	U	6.2	U	0.15
trans-1,2-Dichloroethene	U	0.025	U	0.025	0.31	0.079	U	6.2	0.48	0.15
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.025	U	0.079	U	6.2	U	0.15
cis-1,2-Dichloroethene	U	0.025	0.10	0.025	U	0.079	U	6.2	U	0.15
1,1,1-Trichloroethane (TCA)	U	0.025	3.7	0.025	U	0.19 ✓	110	6.2	U	3.4 ✓
Benzene	U	0.10	0.34 J	0.10	U	0.32	U	25	U	0.59
Trichloroethene (TCE)	U	0.025	0.070	0.025	15	0.079	3800	6.2	91	0.15
Tetrachloroethene (PCE)	U	0.025	2.5	0.025	47	0.079	20	6.2	14	0.15

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

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Sample Number	43216		43218		43669		43672		43211	
Sample Location	0223		0116		0085		0093		0009	
Sublocation/Sub Sublocation	Sub-slab / Port 2		Sub-slab / Port 1		Sub-slab / Port 1		Sub-slab / Port 1		GroundFloor / GF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.19	U	0.42	U	0.19	U	0.24	U	0.038
1,1-Dichloroethene (1,1-DCE)	0.36	0.19	U	0.42	U	0.19	U	0.24	U	0.038
trans-1,2-Dichloroethene	U	0.19	U	0.42	U	0.19	0.35	0.24	U	0.038
1,1-Dichloroethane (1,1-DCA)	0.22	0.19	U	0.42	U	0.19	U	0.24	U	0.038
cis-1,2-Dichloroethene	U	0.19	U	0.42	U	0.19	U	0.24	U	0.038
1,1,1-Trichloroethane (TCA)	49	0.19	U	0.42	U	0.22	U	0.28	U	0.14
Benzene	2.1	J 0.78	U	1.7	U	0.76	U	0.97	U	0.80
Trichloroethene (TCE)	410	0.97	14	0.42	20	0.19	50	0.24	U	0.16
Tetrachloroethene (PCE)	U	6.3	110	0.42	50	0.19	120	0.24	U	0.61

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	43212		43214		43217		43219		43670	
Sample Location	0009		0293		0223		0116		0085	
Sublocation/Sub Sublocation	FirstFloor / FF1	GroundFloor / GF1	GroundFloor / GF1	GroundFloor / GF1						
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.039	U	0.036	0.046	0.036	U	0.039	U	0.035
1,1-Dichloroethene (1,1-DCE)	U	0.039	U	0.036	U	0.036	U	0.039	U	0.035
trans-1,2-Dichloroethene	U	0.039	2.4	0.036	3.4	0.036	U	0.039	U	0.035
1,1-Dichloroethane (1,1-DCA)	U	0.039	U	0.036	U	0.036	U	0.039	U	0.035
cis-1,2-Dichloroethene	U	0.039	U	0.036	U	0.036	U	0.039	U	0.035
1,1,1-Trichloroethane (TCA)	U	0.14	U	0.34	U	0.37	U	0.14	U	0.081
Benzene	U	0.86	U	1.1	6.6	J 0.14	4.3	J 0.15	U	0.83
Trichloroethene (TCE)	U	0.15	2.6	0.036	9.1	0.036	1.8	0.039	1.3	0.035
Tetrachloroethene (PCE)	U	0.56	U	0.68	U	0.94	U	0.60	U	3.4

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	43671	
Sample Location	0085	
Sublocation/Sub Sublocation	FirstFloor / FF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.035
1,1-Dichloroethene (1,1-DCE)	U	0.035
trans-1,2-Dichloroethene	U	0.035
1,1-Dichloroethane (1,1-DCA)	U	0.035
cis-1,2-Dichloroethene	U	0.035
1,1,1-Trichloroethane (TCA)	U	0.10
Benzene	U	0.83
Trichloroethene (TCE)	1.2	0.035
Tetrachloroethene (PCE)	U	3.2

Table 1.1b (cont) Result of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	2/20/2008		43220		43673		43674		
	Sample Location	Method Blank		0116		0093		0093	
		Sublocation/Sub Sublocation		FirstFloor / FF1		GroundFloor / GF1		FirstFloor / FF1	
Analyte	Result	RL	Result	RL	Result	RL	Result	RL	
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	
Vinyl Chloride	U	0.025	U	0.038	U	0.036	U	0.040	
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.038	U	0.036	U	0.040	
trans-1,2-Dichloroethene	U	0.025	U	0.038	U	0.036	U	0.040	
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.038	U	0.036	U	0.040	
cis-1,2-Dichloroethene	U	0.025	U	0.038	U	0.036	U	0.040	
1,1,1-Trichloroethane (TCA)	U	0.025	U	0.13	U	0.14	U	0.11	
Benzene	U	0.10	3.7	J 0.15	U	0.79	U	0.87	
Trichloroethene (TCE)	U	0.025	3.9	0.038	1.1	0.036	0.94	0.040	
Tetrachloroethene (PCE)	U	0.025	U	0.57	U	3.0	U	2.4	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/15/2008		43708		43709		43710		
	Sample Location	Method Blank		0045		0045		0045	
		Sublocation/Sub Sublocation		Sub-slab / Port 1		GroundFloor / GF1		FirstFloor / FF1	
Analyte	Result	RL	Result	RL	Result	RL	Result	RL	
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	
Vinyl Chloride	U	0.025	21	12	0.087	0.031	0.038	0.032	
1,1-Dichloroethene (1,1-DCE)	U	0.025	97	12	0.25	0.031	0.11	0.032	
trans-1,2-Dichloroethene	U	0.025	210	12	0.65	0.031	0.26	0.032	
1,1-Dichloroethane (1,1-DCA)	U	0.025	14	12	0.041	0.031	0.033	0.032	
cis-1,2-Dichloroethene	U	0.025	1000	12	2.9	0.031	1.1	0.032	
1,1,1-Trichloroethane (TCA)	U	0.025	U	12	0.11	0.031	0.11	0.032	
Benzene	U	0.10	U	47	0.94	0.12	1.5	0.13	
Trichloroethene (TCE)	U	0.025	1800	12	6.6	0.031	2.6	0.032	
Tetrachloroethene (PCE)	U	0.025	4200	12	16	0.031	6.5	0.032	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/18/2008		43677		43678		43679		43680		
	Sample Location	Method Blank		0003		0003		0003		0003	
		Sublocation/Sub Sublocation		GroundFloor / GF1		GroundFloor / GF2		FirstFloor / FF1		FirstFloor / FF2	
Analyte	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	
Vinyl Chloride	U	0.025	U	0.034	U	0.032	U	0.032	U	0.031	
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.034	U	0.032	U	0.032	U	0.031	
trans-1,2-Dichloroethene	U	0.025	U	0.034	U	0.032	U	0.032	U	0.031	
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.034	U	0.032	U	0.032	U	0.031	
cis-1,2-Dichloroethene	U	0.025	U	0.034	U	0.032	U	0.032	U	0.031	
1,1,1-Trichloroethane (TCA)	U	0.025	0.12	0.034	0.13	0.032	0.13	0.032	0.15	0.031	
Benzene	U	0.10	0.87	0.13	0.85	0.13	0.85	0.13	1.2	0.13	
Trichloroethene (TCE)	U	0.025	0.39	0.034	0.14	0.032	0.10	0.032	0.10	0.031	
Tetrachloroethene (PCE)	U	0.025	2.1	0.034	0.76	0.032	0.54	0.032	0.58	0.031	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	43682		43683		43685		43686		43687	
Sample Location	0004		0004		0105		0105		0105	
Sublocation/Sub Sublocation	GroundFloor / GF1		GroundFloor / GF2		GroundFloor / GF1		FirstFloor / FF1		Ambient	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.034	U	0.032	U	0.035	U	0.034	U	0.033
1,1-Dichloroethene (1,1-DCE)	U	0.034	U	0.032	U	0.035	U	0.034	U	0.033
trans-1,2-Dichloroethene	U	0.034	U	0.032	0.043	0.035	0.047	0.034	U	0.033
1,1-Dichloroethane (1,1-DCA)	U	0.034	U	0.032	U	0.035	U	0.034	U	0.033
cis-1,2-Dichloroethene	U	0.034	U	0.032	0.36	0.035	0.42	0.034	U	0.033
1,1,1-Trichloroethane (TCA)	0.18	0.034	0.18	0.032	0.16	0.035	0.10	0.034	0.13	0.033
Benzene	0.89	0.13	0.89	0.13	0.84	0.14	0.85	0.14	0.84	0.13
Trichloroethene (TCE)	0.61	0.034	0.57	0.032	0.84	0.035	0.74	0.034	0.067	0.033
Tetrachloroethene (PCE)	0.95	0.034	0.89	0.032	2.6	0.035	2.1	0.034	0.17	0.033

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	43681		43684	
Sample Location	0004		0105	
Sublocation/Sub Sublocation	Sub-slab / Port 1		Sub-slab / Port 1	
<hr/>				
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.43	U	1.4
1,1-Dichloroethene (1,1-DCE)	U	0.43	U	1.4
trans-1,2-Dichloroethene	U	0.43	12	1.4
1,1-Dichloroethane (1,1-DCA)	U	0.43	U	1.4
cis-1,2-Dichloroethene	U	0.43	68	1.4
1,1,1-Trichloroethane (TCA)	3.2	0.43	U	1.4
Benzene	U	1.7	U	5.7
Trichloroethene (TCE)	230	0.43	350	1.4
Tetrachloroethene (PCE)	14	0.43	1000	1.4

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/20/2008		43714		43691		43692		43690	
Sample Location	Method Blank		Trip-Blank		0320		0320		0060	
Sublocation/Sub Sublocation					Sub-slab / Port 1		GroundFloor / GF1		GroundFloor / GF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Vinyl Chloride	U	0.025	U	0.025	U	16	U	4.1	0.045	0.033
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.025	U	16	U	4.1	U	0.033
trans-1,2-Dichloroethene	U	0.025	U	0.025	U	16	U	4.1	0.094	0.033
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.025	U	16	U	4.1	U	0.033
cis-1,2-Dichloroethene	U	0.025	U	0.025	12000	16	180	4.1	0.36	0.033
1,1,1-Trichloroethane (TCA)	U	0.025	U	0.025	U	16	U	4.1	0.39	0.033
Benzene	U	0.10	U	0.10	U	66	U	16	2.0	0.13
Trichloroethene (TCE)	U	0.025	U	0.025	960	16	20	4.1	0.49	0.033
Tetrachloroethene (PCE)	U	0.025	U	0.025	8100	16	2500	4.1	1.1	0.033

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM		Page 17 of 18									
Sample Number	43695	43701		43676		43688		43689			
Sample Location	0294	0103		0003		0060		0060			
Sublocation/Sub Sublocation	Sub-slab / Port 1		Sub-slab / Port 2								
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	1.3	U	0.35	U	0.44	U	0.034	U	0.033	
1,1-Dichloroethene (1,1-DCE)	U	1.3	U	0.35	U	0.44	4.1	0.034	0.071	0.033	
trans-1,2-Dichloroethene	U	1.3	1.4	0.35	0.48	0.44	0.21	0.034	0.11	0.033	
1,1-Dichloroethane (1,1-DCA)	U	1.3	U	0.35	U	0.44	0.61	0.034	0.62	0.033	
cis-1,2-Dichloroethene	U	1.3	0.38	0.35	U	0.44	3.0	0.034	0.38	0.033	
1,1,1-Trichloroethane (TCA)	17	1.3	U	0.35	U	0.44	7.1	0.034	1.8	0.033	
Benzene	U	5.0	U	1.4	U	1.8	0.31	0.13	0.14	0.13	
Trichloroethene (TCE)	870	1.3	90	0.35	39	0.44	59	0.17	4.2	0.033	
Tetrachloroethene (PCE)	88	1.3	250	1.2	330	0.44	60	0.17	33	0.13	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM											
Sample Number	43693	43694		43696		43698		43697			
Sample Location	0320	0320		0294		0112		0112			
Sublocation/Sub Sublocation	FirstFloor / FF1		FirstFloor / FF2		GroundFloor / GF1		GroundFloor / GF1		Sub-slab / Port1		
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.034	U	0.031	U	0.032	U	0.036	U	0.81	
1,1-Dichloroethene (1,1-DCE)	0.15	0.034	0.63	0.031	U	0.032	U	0.036	U	0.81	
trans-1,2-Dichloroethene	0.035	0.034	U	0.031	U	0.032	U	0.036	U	0.81	
1,1-Dichloroethane (1,1-DCA)	U	0.034	U	0.031	U	0.032	U	0.036	U	0.81	
cis-1,2-Dichloroethene	31	0.69	0.35	0.031	U	0.032	U	0.036	U	0.81	
1,1,1-Trichloroethane (TCA)	0.94	0.034	35	0.15	0.15	0.032	0.20	0.036	U	0.81	
Benzene	1.1	0.14	1.1	0.12	0.99	0.13	0.77	0.14	U	3.3	
Trichloroethene (TCE)	4.0	0.034	0.14	0.031	0.54	0.032	0.72	0.036	130	0.81	
Tetrachloroethene (PCE)	360	0.69	11	0.031	0.54	0.032	2.9	0.036	500	0.81	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM											
Sample Number	Method Blank 2/21/2008	43705 0162		43704 0162		43711 0209		43699 0112			
Sample Location		GroundFloor / GF1		Sub-slab / Port 1		Sub-slab / Port 1		GroundFloor / GF2			
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$									
Vinyl Chloride	U	0.025	U	0.036	U	0.084	U	0.14	U	0.036	
1,1-Dichloroethene (1,1-DCE)	U	0.025	U	0.036	U	0.084	0.22	0.14	U	0.036	
trans-1,2-Dichloroethene	U	0.025	U	0.036	U	0.084	U	0.14	U	0.036	
1,1-Dichloroethane (1,1-DCA)	U	0.025	U	0.036	U	0.084	U	0.14	U	0.036	
cis-1,2-Dichloroethene	U	0.025	U	0.036	U	0.084	0.35	0.14	U	0.036	
1,1,1-Trichloroethane (TCA)	U	0.025	0.13	0.036	1.2	0.084	0.71	0.14	0.23	0.036	
Benzene	U	0.10	0.75	0.14	U	0.34	U	0.57	0.75	0.15	
Trichloroethene (TCE)	U	0.025	0.20	0.036	46	0.084	8.8	0.14	0.70	0.036	
Tetrachloroethene (PCE)	U	0.025	1.5	0.036	4.5	0.084	72	0.14	3.0	0.036	

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

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Sample Number	43700		43702		43703		43706		43712	
	0112		0103		0103		0162		0209	
Sample Location	FirstFloor / FF1		GroundFloor / GF1		FirstFloor / FF1		GroundFloor / GF2		GroundFloor / GF1	
Sublocation/Sub Sublocation	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$								
Analyte										
Vinyl Chloride	U	0.034	U	0.035	U	0.038	U	0.034	U	0.033
1,1-Dichloroethene (1,1-DCE)	U	0.034	U	0.035	U	0.038	U	0.034	U	0.033
trans-1,2-Dichloroethene	U	0.034	U	0.035	U	0.038	U	0.034	U	0.033
1,1-Dichloroethane (1,1-DCA)	U	0.034	U	0.035	U	0.038	U	0.034	U	0.033
cis-1,2-Dichloroethene	U	0.034	U	0.035	U	0.038	U	0.034	U	0.033
1,1,1-Trichloroethane (TCA)	0.19	0.034	0.96	0.035	1.0	0.038	0.14	0.034	0.13	0.033
Benzene	0.82	0.14	5.4	0.14	5.9	0.15	0.77	0.14	0.92	0.13
Trichloroethene (TCE)	0.56	0.034	0.66	0.035	0.67	0.038	0.20	0.034	0.10	0.033
Tetrachloroethene (PCE)	2.3	0.034	2.2	0.035	2.2	0.038	1.6	0.034	0.67	0.033

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	43713	
Sample Location	0209	
Sublocation/Sub Sublocation	FirstFloor / FF1	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.034
1,1-Dichloroethene (1,1-DCE)	0.036	0.034
trans-1,2-Dichloroethene	U	0.034
1,1-Dichloroethane (1,1-DCA)	U	0.034
cis-1,2-Dichloroethene	U	0.034
1,1,1-Trichloroethane (TCA)	0.090	0.034
Benzene	0.89	0.13
Trichloroethene (TCE)	0.092	0.034
Tetrachloroethene (PCE)	0.47	0.034

Table 1.1b (cont) Results of the Analysis for VOC ($\mu\text{g}/\text{m}^3$) in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Method TO-15 SIM

Sample Number	2/22/2008	
Sample Location	Method Blank	
Sublocation/Sub Sublocation	0162	
Analyte	Result $\mu\text{g}/\text{m}^3$	RL $\mu\text{g}/\text{m}^3$
Vinyl Chloride	U	0.025
1,1-Dichloroethene (1,1-DCE)	U	0.025
trans-1,2-Dichloroethene	U	0.025
1,1-Dichloroethane (1,1-DCA)	U	0.025
cis-1,2-Dichloroethene	U	0.025
1,1,1-Trichloroethane (TCA)	U	0.025
Benzene	U	0.10
Trichloroethene (TCE)	U	0.025
Tetrachloroethene (PCE)	U	0.025

Section II

Table 2.1 Results of the LCS Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

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Sample No. LCS 02/08/08 (LL Scan)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	24.8	24.5	99	61-127
1,1-Dichloroethene (1,1-DCE)	27.8	28.2	101	77-116
trans-1,2-Dichloroethene	26.5	26.2	99	74-118
1,1-Dichloroethane (1,1-DCA)	26.8	26.0	97	74-118
cis-1,2-Dichloroethene	27.0	26.4	98	74-117
1,1,1-Trichloroethane (TCA)	26.8	25.8	96	78-114
Benzene	27.0	26.8	99	73-111
Trichloroethene (TCE)	27.3	27.2	100	80-116
Tetrachloroethene (PCE)	26.0	27.7	107	77-118

Sample No. LCS 02/11/08 (LL Scan)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	24.8	24.1	97	61-127
1,1-Dichloroethene (1,1-DCE)	27.8	28.0	101	77-116
trans-1,2-Dichloroethene	26.5	25.3	95	74-118
1,1-Dichloroethane (1,1-DCA)	26.8	24.7	92	74-118
cis-1,2-Dichloroethene	27.0	28.1	104	74-117
1,1,1-Trichloroethane (TCA)	26.8	25.4	95	78-114
Benzene	27.0	26.5	98	73-111
Trichloroethene (TCE)	27.3	28.5	104	80-116
Tetrachloroethene (PCE)	26.0	29.9	115	77-118

Sample No. LCS 02/12/08 (LL Scan)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	24.8	23.1	93	61-127
1,1-Dichloroethene (1,1-DCE)	27.8	26.9	97	77-116
trans-1,2-Dichloroethene	26.5	24.5	92	74-118
1,1-Dichloroethane (1,1-DCA)	26.8	24.4	91	74-118
cis-1,2-Dichloroethene	27.0	24.7	91	74-117
1,1,1-Trichloroethane (TCA)	26.8	25.7	96	78-114
Benzene	27.0	26.3	97	73-111
Trichloroethene (TCE)	27.3	27.1	99	80-116
Tetrachloroethene (PCE)	26.0	27.5	106	77-118

Table 2.1 (cont) Results of the LCS Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

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Sample No. LCS 02/11/08 (SIM)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.491	99	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.552	99	79-122
trans-1,2-Dichloroethene	0.530	0.536	101	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.551	103	74-122
cis-1,2-Dichloroethene	0.540	0.548	101	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.532	99	75-125
Benzene	0.540	0.494	91	73-116
Trichloroethene (TCE)	0.545	0.555	102	67-122
Tetrachloroethene (PCE)	0.520	0.527	101	79-130

Sample No. LCS 02/12/08 (SIM)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.528	107	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.601	108	79-122
trans-1,2-Dichloroethene	0.530	0.582	110	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.601	112	74-122
cis-1,2-Dichloroethene	0.540	0.593	110	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.573	107	75-125
Benzene	0.540	0.534	99	73-116
Trichloroethene (TCE)	0.545	0.613	112	67-122
Tetrachloroethene (PCE)	0.520	0.567	109	79-130

Sample No. LCS 02/13/08 (SIM)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.493	100	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.561	101	79-122
trans-1,2-Dichloroethene	0.530	0.538	102	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.553	103	74-122
cis-1,2-Dichloroethene	0.540	0.550	102	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.538	101	75-125
Benzene	0.540	0.489	91	73-116
Trichloroethene (TCE)	0.545	0.560	103	67-122
Tetrachloroethene (PCE)	0.520	0.521	100	79-130

Table 2.1 (cont) Results of the LCS Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

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Sample No. LCS 02/14/08 (SIM)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.500	101	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.574	103	79-122
trans-1,2-Dichloroethene	0.530	0.548	103	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.559	104	74-122
cis-1,2-Dichloroethene	0.540	0.559	104	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.549	103	75-125
Benzene	0.540	0.490	91	73-116
Trichloroethene (TCE)	0.545	0.551	101	67-122
Tetrachloroethene (PCE)	0.520	0.519	100	79-130

Sample No. LCS 02/15/08 (SIM)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.495	100	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.575	104	79-122
trans-1,2-Dichloroethene	0.530	0.546	103	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.557	104	74-122
cis-1,2-Dichloroethene	0.540	0.558	103	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.543	101	75-125
Benzene	0.540	0.488	90	73-116
Trichloroethene (TCE)	0.545	0.55	101	67-122
Tetrachloroethene (PCE)	0.520	0.529	102	79-130

Sample No. LCS 02/18/08 (SIM)

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.477	96	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.559	101	79-122
trans-1,2-Dichloroethene	0.530	0.538	102	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.544	102	74-122
cis-1,2-Dichloroethene	0.540	0.539	100	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.525	98	75-125
Benzene	0.540	0.479	89	73-116
Trichloroethene (TCE)	0.545	0.534	98	67-122
Tetrachloroethene (PCE)	0.520	0.515	99	79-130

Table 2.1 (cont) Results of the LCS Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

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Sample No. LCS 02/13/08 (LL Scan)

Analyte	LCS Spike Added ng	LCS Conc ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	24.8	23.2	94	61-127
1,1-Dichloroethene (1,1-DCE)	27.8	27.5	99	77-116
trans-1,2-Dichloroethene	26.5	25.1	95	74-118
1,1-Dichloroethane (1,1-DCA)	26.8	24.9	93	74-118
cis-1,2-Dichloroethene	27.0	25.2	93	74-117
1,1,1-Trichloroethane (TCA)	26.8	25.8	96	78-114
Benzene	27.0	26.6	99	73-111
Trichloroethene (TCE)	27.3	27.3	100	80-116
Tetrachloroethene (PCE)	26.0	27.7	107	77-118

Sample No. LCS 02/13/08 (LL Scan)

Analyte	LCS Spike Added ng	LCS Conc ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	24.8	21.8	88	61-127
1,1-Dichloroethene (1,1-DCE)	27.8	25.4	91	77-116
trans-1,2-Dichloroethene	26.5	25.4	96	74-118
1,1-Dichloroethane (1,1-DCA)	26.8	24.7	92	74-118
cis-1,2-Dichloroethene	27.0	24.8	92	74-117
1,1,1-Trichloroethane (TCA)	26.8	26.2	98	78-114
Benzene	27.0	24.9	92	73-111
Trichloroethene (TCE)	27.3	26.3	96	80-116
Tetrachloroethene (PCE)	26.0	25.5	98	77-118

Sample No. LCS 02/14/08 (LL Scan)

Analyte	LCS Spike Added ng	LCS Conc ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	24.8	21.7	88	61-127
1,1-Dichloroethene (1,1-DCE)	27.8	25.1	90	77-116
trans-1,2-Dichloroethene	26.5	25.2	95	74-118
1,1-Dichloroethane (1,1-DCA)	26.8	24.4	91	74-118
cis-1,2-Dichloroethene	27.0	24.6	91	74-117
1,1,1-Trichloroethane (TCA)	26.8	25.8	96	78-114
Benzene	27.0	24.7	91	73-111
Trichloroethene (TCE)	27.3	26.0	95	80-116
Tetrachloroethene (PCE)	26.0	25.0	96	77-118

Table 2.1 (cont) Results of the LCS Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

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Sample No. LCS 02/14/08 (LL Scan)

Analyte	LCS Spike Added ng	LCS Conc ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	24.8	23.7	96	61-127
1,1-Dichloroethene (1,1-DCE)	27.8	27.2	98	77-116
trans-1,2-Dichloroethene	26.5	24.9	94	74-118
1,1-Dichloroethane (1,1-DCA)	26.8	24.9	93	74-118
cis-1,2-Dichloroethene	27.0	25.4	94	74-117
1,1,1-Trichloroethane (TCA)	26.8	26.0	97	78-114
Benzene	27.0	27.1	100	73-111
Trichloroethene (TCE)	27.3	27.7	101	80-116
Tetrachloroethene (PCE)	26.0	27.9	107	77-118

Sample No. LCS 02/15/08 (LL Scan)

Analyte	LCS Spike Added ng	LCS Conc ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	24.8	22.1	89	61-127
1,1-Dichloroethene (1,1-DCE)	27.8	24.9	90	77-116
trans-1,2-Dichloroethene	26.5	25.5	96	74-118
1,1-Dichloroethane (1,1-DCA)	26.8	24.0	90	74-118
cis-1,2-Dichloroethene	27.0	25.0	93	74-117
1,1,1-Trichloroethane (TCA)	26.8	26.1	97	78-114
Benzene	27.0	25.2	93	73-111
Trichloroethene (TCE)	27.3	26.3	96	80-116
Tetrachloroethene (PCE)	26.0	24.9	96	77-118

Sample No. LCS 02/19/08

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.478	97	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.548	99	79-122
trans-1,2-Dichloroethene	0.530	0.527	99	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.538	101	74-122
cis-1,2-Dichloroethene	0.540	0.538	100	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.529	99	75-125
Benzene	0.540	0.477	88	73-116
Trichloroethene (TCE)	0.545	0.527	97	67-122
Tetrachloroethene (PCE)	0.520	0.521	100	79-130

Table 2.1 (cont) Results of the LCS Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Page 6 of 6

Sample No. LCS 02/20/08

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.490	99	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.559	101	79-122
trans-1,2-Dichloroethene	0.530	0.535	101	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.545	102	74-122
cis-1,2-Dichloroethene	0.540	0.540	100	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.532	99	75-125
Benzene	0.540	0.476	88	73-116
Trichloroethene (TCE)	0.545	0.525	96	67-122
Tetrachloroethene (PCE)	0.520	0.514	99	79-130

Sample No. LCS 02/21/08

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.459	93	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.538	97	79-122
trans-1,2-Dichloroethene	0.530	0.508	96	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.534	100	74-122
cis-1,2-Dichloroethene	0.540	0.520	96	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.515	96	75-125
Benzene	0.540	0.461	85	73-116
Trichloroethene (TCE)	0.545	0.514	94	67-122
Tetrachloroethene (PCE)	0.520	0.493	95	79-130

Sample No. LCS 02/22/08

Analyte	LCS Spike Added ng	LCS Recovered ng	LCS % Recovery	QC Limits % Recovery
Vinyl Chloride	0.495	0.453	92	70-120
1,1-Dichloroethene (1,1-DCE)	0.555	0.523	94	79-122
trans-1,2-Dichloroethene	0.530	0.501	95	77-119
1,1-Dichloroethane (1,1-DCA)	0.535	0.521	97	74-122
cis-1,2-Dichloroethene	0.540	0.511	95	78-119
1,1,1-Trichloroethane (TCA)	0.535	0.499	93	75-125
Benzene	0.540	0.453	84	73-116
Trichloroethene (TCE)	0.545	0.507	93	67-122
Tetrachloroethene (PCE)	0.520	0.496	95	79-130

Table 2.2 Results of the Duplicate Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Page 1 of 5

Sample No.: 40771

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	U	U	NC	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	U	U	NC	25
1,1,1-Trichloroethane (TCA)	0.210	0.218	4	25
Benzene	U	U	NC	25
Trichloroethene (TCE)	U	U	NC	25
Tetrachloroethene (PCE)	26.7	26.8	0.4	25

Sample No.: 40803

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	U	U	NC	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	U	U	NC	25
1,1,1-Trichloroethane (TCA)	U	U	NC	25
Benzene	U	U	NC	25
Trichloroethene (TCE)	U	U	NC	25
Tetrachloroethene (PCE)	2.18	2.18	0	25

Sample No.: 40969

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	25.1	26.5	5	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	14.9	15.6	5	25
1,1,1-Trichloroethane (TCA)	U	U	NC	25
Benzene	U	U	NC	25
Trichloroethene (TCE)	582	618	6	25
Tetrachloroethene (PCE)	1620	1720	6	25

Table 2.2 (cont) Results of the Duplicate Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Page 2 of 5

Sample No. 40977

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	U	U	NC	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	U	U	NC	25
1,1,1-Trichloroethane (TCA)	0.0983	0.0968	2	25
Benzene	0.866	0.867	0	25
Trichloroethene (TCE)	0.136	0.134	1	25
Tetrachloroethene (PCE)	0.276	0.278	1	25

Sample No.: 40988

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	0.839	0.824	2	25
1,1-Dichloroethene (1,1-DCE)	1.41	1.40	1	25
trans-1,2-Dichloroethene	2.62	2.60	1	25
1,1-Dichloroethane (1,1-DCA)	0.0383	0.0383	0	25
cis-1,2-Dichloroethene	29.2	29.1	0	25
1,1,1-Trichloroethane (TCA)	0.109	0.108	1	25
Benzene	0.910	0.900	1	25
Trichloroethene (TCE)	7.21	7.18	0	25
Tetrachloroethene (PCE)	13.2	13.2	0	25

Sample No.: 40995

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	U	U	NC	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	U	U	NC	25
1,1,1-Trichloroethane (TCA)	0.0905	0.0898	1	25
Benzene	2.08	2.06	1	25
Trichloroethene (TCE)	0.268	0.265	1	25
Tetrachloroethene (PCE)	3.44	3.41	1	25

Table 2.2 (cont) Results of the Duplicate Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Page 3 of 5

Sample No.: 41153

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	U	U	NC	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	U	U	NC	25
1,1,1-Trichloroethane (TCA)	0.0808	0.079	3	25
Benzene	1.16	1.15	1	25
Trichloroethene (TCE)	0.359	0.345	4	25
Tetrachloroethene (PCE)	0.584	0.571	2	25

Sample No.: 43210

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	0.309	0.318	3	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	U	U	NC	25
1,1,1-Trichloroethane (TCA)	0.191	0.194	2	25
Benzene	U	U	NC	25
Trichloroethene (TCE)	15.2	15.3	1	25
Tetrachloroethene (PCE)	46.8	47.0	1	25

Sample No.: 43690

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	0.0453	0.0433	5	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	0.0936	0.0899	5	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	0.356	0.343	4	25
1,1,1-Trichloroethane (TCA)	0.394	0.380	4	25
Benzene	2.05	2.01	2	25
Trichloroethene (TCE)	0.491	0.472	4	25
Tetrachloroethene (PCE)	1.07	1.02	5	25

Table 2.2 (cont) Results of the Duplicate Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Page 4 of 5

Sample No.: 43705

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	U	U	NC	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	U	U	NC	25
1,1,1-Trichloroethane (TCA)	0.131	0.136	4	25
Benzene	0.749	0.788	5	25
Trichloroethene (TCE)	0.196	0.205	4	25
Tetrachloroethene (PCE)	1.49	1.57	5	25

Sample No.: 41162

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	U	U	NC	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	0.752	0.545	32	25
1,1,1-Trichloroethane (TCA)	U	U	NC	25
Benzene	0.723	0.719	1	25
Trichloroethene (TCE)	U	U	NC	25
Tetrachloroethene (PCE)	0.335	0.314	6	25

Sample No.: 43165

Analyte	Initial Analysis µg/m ³	Duplicate Analysis µg/m ³	% RPD	QC Limits RPD Limits
Vinyl Chloride	U	U	NC	25
1,1-Dichloroethene (1,1-DCE)	U	U	NC	25
trans-1,2-Dichloroethene	U	U	NC	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	1.29	1.28	1	25
1,1,1-Trichloroethane (TCA)	0.383	0.373	3	25
Benzene	0.851	0.848	0.4	25
Trichloroethene (TCE)	0.803	0.786	2	25
Tetrachloroethene (PCE)	2.81	2.76	2	25

Table 2.2 (cont) Results of the Duplicate Analysis for VOC in Air
WA # 0-289 Highway 7 and Wooddale Avenue

Page 5 of 5

Sample No.: 43178

Analyte	Initial Analysis µg/m³	Duplicate Analysis µg/m³	% RPD	QC Limits RPD Limits
Vinyl Chloride	29.3	30.4	4	25
1,1-Dichloroethene (1,1-DCE)	66.5	65.7	1	25
trans-1,2-Dichloroethene	129	135	5	25
1,1-Dichloroethane (1,1-DCA)	3.01	3.09	3	25
cis-1,2-Dichloroethene	811	859	6	25
1,1,1-Trichloroethane (TCA)	U	U	NC	25
Benzene	U	U	NC	25
Trichloroethene (TCE)	1200	1240	3	25
Tetrachloroethene (PCE)	2390	2460	3	25

Sample No.: 43187

Analyte	Initial Analysis µg/m³	Duplicate Analysis µg/m³	% RPD	QC Limits RPD Limits
Vinyl Chloride	0.653	0.665	2	25
1,1-Dichloroethene (1,1-DCE)	1.57	1.59	1	25
trans-1,2-Dichloroethene	3.25	3.29	1	25
1,1-Dichloroethane (1,1-DCA)	U	U	NC	25
cis-1,2-Dichloroethene	40.9	41.2	1	25
1,1,1-Trichloroethane (TCA)	U	U	NC	25
Benzene	0.857	0.854	0	25
Trichloroethene (TCE)	6.64	6.56	1	25
Tetrachloroethene (PCE)	8.88	8.97	1	25

Section III

Lockheed Martin Technology Services
Environmental Services REAC
2890 Woodbridge Avenue Building 209 Annex
Edison, NJ 08837-3679
Telephone 732-321-4200 Facsimile 732-494-4021

LOCKHEED MARTIN

Columbia Analytical Inc.(Air)
2655 Park Center Drive Suite A
Simi Valley, CA 93065

Attn: Kate Aguillera

January 11, 2008

As per Lockheed Martin / REAC Value Contract 46032343 for Project 0-289, please analyze samples according to the following parameters:

Analysis/Method	Matrix	# of samples
VOC/TO-15 (0.10ppbv) Event 1 See attached compound list	Summa	40
VOA/TO-15 (0.070 ppbv) Event 2 See attached compound list	Summa	125
Data package: Package with Diskette Deliverable		

Samples are expected to arrive at your laboratory on February 02, 2007 for the first round of sampling and February 9 for the second sampling event. All applicable QA/QC (e.g. BS/BSD, LCS, Duplicates, and Blanks) analysis as per method, will be performed on our sample matrix. Preliminary sample and QC result tables plus a signed copy of our Chain of Custody must be sent to REAC 10 business days after receipt of samples. The complete data package is due 15 business days after receipt of the samples. The complete data package must include all items on the deliverables checklist. The laboratory must provide documentation for individual summa canister and flow controller certification.

All sample and QC results must be summarized in a tab delimited file diskette deliverable. Units must be in ppbv and ug/m³ in the electronic deliverable.

All Cost of Summa Canisters rental plus orifice preset to 24 hour sampling _____. The flow controllers should have 1/4 inch fittings.

The summa canisters and preset orifices must arrive at REAC for Event 1 by January 21, 2008 and at the site address by February 4th for Event 2.

Please submit all reports concerning this project to John Johnson at (732) 321-4248 or john.m.johnson@lmco.com. Any contractual question, please call Josh Tapkas (301)805-0305.

Sincerely,

Joshy M. Tapkas
Vinod Kansal
Analytical Section Leader
Lockheed Martin / REAC Project

VK:jj—Attachments

cc. R. Singhvi
G. Newhart
0289\non\mem\0801\sub\0289Con

V. Kansal
Subcontracting File
J. Soroka

J. Tapkas
S. Thompson

TO-15 Compound List for Project 0289

	Event 1 Reporting Limit (ppbv)	Event 2 Reporting Limit (ppbv)
Vinyl Chloride	0.10	0.070
1,1-Dichloroethene (1,1-DCE)	0.10	0.070
trans-1,2-Dichloroethene	0.10	0.070
1,1-Dichloroethane (1,1-DCA)	0.10	0.070
cis-1,2-Dichloroethene	0.10	0.070
1,1,1-Trichloroethane (TCA)	0.10	0.070
Tetrachloroethene (PCE)	0.10	0.070
Trichlorethene (TCE)	0.10	0.070
Benzene	0.10	0.070

Reporting limits should be after normal dilution of 1.5-2.0

LOCKHEED MARTIN

Columbia Analytical Inc.(Air)
2655 Park Center Drive Suite A
Simi Valley, CA 93065

Attn: Kate Aguillera

March 10, 2008

As per Lockheed Martin / REAC Purchase Order 7100038052 for Project 0-289, please analyze samples according to the following parameters:

Analysis/Method	Matrix	# of samples
VOC/TO-15 (0.10ppbv) See attached compound list	Summa	60
Data package: Package with Diskette Deliverable		

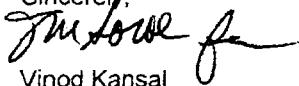
Samples are expected to arrive at your laboratory on March 21, 2008. All applicable QA/QC (eg: BS/BSD, LCS, Duplicates, and Blanks) analysis as per method, will be performed on our sample matrix. Preliminary sample and QC result tables plus a signed copy of our Chain of Custody must be sent to REAC 5 business days after receipt of samples. The complete data package is due 10 business days after receipt of the samples. The complete data package must include all items on the deliverables checklist. The laboratory must provide documentation for individual summa canister and flow controller certification.

All sample and QC results must be summarized in a tab delimited file diskette deliverable. Units must be in ppbv and ug/m³ in the electronic deliverable.

The summa canisters and preset orifices must arrive at REAC by March 14, 2008 and at the site address. All Summa Canisters rental plus orifice preset to 24 hour sampling. The flow controllers should have 1/4 inch fittings.

Please submit all reports concerning this project to John Johnson at (732) 321-4248 or john.m.johnson@lmco.com. Any contractual question, please call Josh Tapkas (301)805-0305.

Sincerely,


Vinod Kansal
Analytical Section Leader
Lockheed Martin / REAC Project

VK:jj Attachments

cc. R. Singhvi
G. Newhart
0289\Non\mem\0803\sub\0289Con2

V. Kansal
Subcontracting File
J. Soroka

J. Tapkas
S. Thompson

TO-15 Compound List for Project 0289

	Reporting Limit (ppbv)
Vinyl Chloride	0.10
1,1-Dichloroethene (1,1-DCE)	0.10
trans-1,2-Dichloroethene	0.10
1,1-Dichloroethane (1,1-DCA)	0.10
cis-1,2-Dichloroethene	0.10
1,1,1-Trichloroethane (TCA)	0.10
Tetrachloroethene (PCE)	0.10
Trichlorethene (TCE)	0.10
Benzene	0.10

Reporting limits should be after normal dilution of 1.5-2.0

Kate Aguilera

From: Killeen, Deborah A [deborah.a.killeen@lmco.com]
Sent: Wednesday, February 13, 2008 4:39 AM
To: Kate Aguilera
Cc: Johnson, John M; Thompson, Scott J; Solinski, Philip J
Subject: RE: Project 0289 CoC Correction

Kate,

Please make the necessary correction to the original COC record submitted with the samples. Please include a copy of the revised COC and this e-mail in the data package as authorization to make the changes below. Thanks.

*Deborah Killeen/Quality Assurance Officer
Lockheed Martin/REAC
732-321-4245 (Office)
[REDACTED]
732-494-4021 (Fax)
E-Mail: deborah.a.killeen@lmco.com*

From: Solinski, Philip J
Sent: Tuesday, February 12, 2008 5:17 PM
To: Kate Aguilera; Johnson, John M; Thompson, Scott J; Killeen, Deborah A
Subject: Project 0289 CoC Correction

I have just been notified that I was given an incorrect property ID number for COC HWY7-02/11/08-039. The sample location for samples 43218, 43219, and 43220 was incorrectly listed as 0045. The sample location for these samples should be 0116.

A revised COC can be faxed if required. Please advise me of the necessary corrective action.

Hwy7&Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXX

90800162

No: HWY7-01/31/08-0001

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

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Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy 7 & Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXXX

No: HWY7-02/01/08-0002

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

-1.3
-5.6
-7.2
-6.1

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
-----------------------	--

Hwy7&Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXX

P0800162

No: HWY7-02/01/08-0003

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

190

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXX

POSITIVE

No: HWY7-02/01/08-0004

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
-----------------------	--

Hwy7&Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXX

90800162

No: HWY7-02/01/08-0005

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Hwy7&Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXX

90800162

No: HWY7-02/02/08-0006

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

490

SPECIAL INSTRUCTIONS: _____

Hwy7&Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXX

904500162

No: HWY7-02/02/08-0007

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

SPECIAL INSTRUCTIONS: _____

Hwy7&Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXXX

90800162
No: HWY7-02/02/08-0008

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

066

SPECIAL INSTRUCTIONS: _____

Hwy7&Wooddale Ave Study Area
EPA Contract Number: S05-0712-002

CHAIN OF CUSTODY RECORD

Site #: BXXX

90800162

No: HWY7-02/02/08-0009

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

190

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

POS00226

No: HWY7-02/06/08-0010

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(1)	40885	0031	Sub-slab A ₄₇	TO-15	Air	Summa Canister	AC00946	FC00278	-4.5	5.3	L	2/5/2008	2/6/2008	9:17:00 AM
(2)	40886	0031	Sub-slab A ₄₇	TO-15	Air	Summa Canister	AC01495	FC00669	-5	5	L	2/5/2008	2/6/2008	9:15:00 AM
(3)	40887	0031	GroundFloor	TO-15	Air	Summa Canister	AC01250	FC00418	-6	4.8	L	2/5/2008	2/6/2008	9:15:00 AM
(4)	40888	0031	FirstFloor	TO-15	Air	Summa Canister	AC00122	FC00400	-8.5	4.3	L	2/5/2008	2/6/2008	9:13:00 AM

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

P0800226

No: HWY7-02/06/08-0011

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
40889	0031	Ambient		TO-15	Air	Summa Canister	AC01323	FC00466	-5	5	L	2/5/2008	2/6/2008	9:14:00 AM
40890	0029	Sub-slab		TO-15	Air	Summa Canister	AC01155	FC00294	-5	5	L	2/5/2008	2/6/2008	11:22:00 AM
40891	0029	GroundFloor	1	TO-15	Air	Summa Canister	AC00244	FC00424	-4	5.2	L	2/5/2008	2/6/2008	11:22:00 AM
40892	0029	GroundFloor	2	TO-15	Air	Summa Canister	AC01081	FC00677	-7	4.6	L	2/5/2008	2/6/2008	11:22:00 AM

690

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/06/08-0012

No: HWY7-02/06/08-0012

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Special Instructions:		SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

90800226
No: HWY7-02/06/08-0013

No: HWY7-02/06/08-0013

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

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Special Instructions: 40961 = SUB SLAB PORT 1 40962 = SUB SLAB PORT 2		SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

90800 226
No: HWY7-02/06/08-0014

No: HWY7-02/06/08-0014

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(1)	40965	0050	Sub-slab	TO-15	Air	Summa Canister	AC01170	FC00001	-6	4.8	L	2/5/2008	2/6/2008	3:03:00 PM
(13)	40966	0050	GroundFloor	TO-15	Air	Summa Canister	AC01414	FC00391	-7	4.6	L	2/5/2008	2/6/2008	3:03:00 PM
(14)	40967	0050	FirstFloor	TO-15	Air	Summa Canister	AC01137	FC00270	-21	1.8	L	2/5/2008	2/6/2008	3:03:00 PM
(7C)	40968	0073	Sub-slab ^{Rect} 4	TO-15	Air	Summa Canister	AC01219	FC00486	-6	4.8	L	2/5/2008	2/6/2008	3:43:00 PM

Special Instructions: PLEASE ANALYZE SAMPLE # 40968 FOR 5 DAY TURNAROUND TIME

Special Instructions: TURNAROUND TIME

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

CHAIN OF CUSTODY RECORD

90800226
No: HWY7-02/06/08-0015

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

340

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

90800-226
No: HWY7-02/06/08-0016

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(LS)	40972	0115	Sub-slab	TO-15	Air	Summa Canister	AC00687	FC00417	-7.5	4.5	L	2/5/2008	2/6/2008	4:57:00 PM
(L)	40973	0115	GroundFloor	TO-15	Air	Summa Canister	AC01432	FC00673	-3	5.4	L	2/5/2008	2/6/2008	4:57:00 PM
(T)	40974	0115	FirstFloor	TO-15	Air	Summa Canister	AC01496	FC00383	-9.5	4.1	L	2/5/2008	2/6/2008	4:55:00 PM

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/07/08-0017

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
①	40976	0312	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00605	FC00539	-5	5	L	2/6/2008	2/7/2008	8:00:00 AM
②	40977	0312	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01442	FC00433	-4.5	5.1	L	2/6/2008	2/7/2008	9:00:00 AM
③	40978	0312	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00568	FC00681	-5.5	4.9	L	2/6/2008	2/7/2008	9:01:00 AM
④	40979	0064	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01259	FC00604	-8	4.4	L	2/6/2008	2/7/2008	10:05:00 AM

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Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/07/08-0018

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample_Media	Pump #	OrificeID	Stop_Pressure	Volume	Vol_Units	Start_Date	Stop_Date	Stop_Time
(5)	40980	0064	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00881	FC00498	-3.5	5.3	L	2/6/2008	2/7/2008	10:05:00 AM
(6)	40981	0064	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01024	FC00394	-8	4.4	L	2/6/2008	2/7/2008	10:05:00 AM
(7)	40982	0110	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01369	FC00684	-4.5	5.1	L	2/6/2008	2/7/2008	10:17:00 AM
(8)	40983	0110	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01154	FC00254	-6	4.8	L	2/6/2008	2/7/2008	10:17:00 AM

970

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KL

No: HWY7-02/07/08-0019

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(9)	40984	0110	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00602	FC00654	-7	4.6	L	2/6/2008	2/7/2008	10:16:00 AM
(10)	40985	0110	Ambient		TO-15	Air	Summa Canister	AC00612	FC00530	-6.5	4.7	L	2/6/2008	2/7/2008	10:18:00 AM
(11)	40986	0123	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01082	FC00628	-6	4.8	L	2/6/2008	2/7/2008	11:10:00 AM
(12)	40987	0123	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00527	FC00563	-6.5	4.7	L	2/6/2008	2/7/2008	11:10:00 AM

Special Instructions: SAMPLES 40986 + 40987 PLEASE ANALYZE
FOR 5 DAY TURNAROUND TIME.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KL

No: HWY7-02/07/08-0020

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(13)	40988	0123	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00296	FC00194	-4.5	5.1	L	2/6/2008	2/7/2008	11:09:00 AM
(14)	40989	0090	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01015	FC00540	-7	4.6	L	2/6/2008	2/7/2008	12:21:00 PM
(15)	40990	0090	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00726	FC00347	-6	4.8	L	2/6/2008	2/7/2008	12:21:00 PM
(16)	40991	0090	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01034	FC00562	0	6	L	2/6/2008	2/7/2008	12:20:00 PM

Special Instructions: SAMPLE 40988 PLEASE ANALYZE FOR 5 DAY
TURN AROUND TIME

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/07/08-0021

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

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Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA# EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/07/08-0022

**Lab: Columbia Analytical Services
Lab Phone: 805-526-7161**

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
21	40996	0139	Sub-slab	Port1	TO-15	Air	Summa Canister	AC01403	FC00557	-7	4.6	L	2/6/2008	2/7/2008	3:12:00 PM Z : 22.0m
22	40997	0139	Sub-slab	Port2	TO-15	Air	Summa Canister	AC00623	FC00142	-2.5	5.5	L	2/6/2008	2/7/2008	3:22:00 PM
23	40998	0139	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00937	FC00506	-1.5	5.7	L	2/6/2008	2/7/2008	3:22:00 PM
24	40999	0139	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00552	FC00447	-5.5	4.9	L	2/6/2008	2/7/2008	3:20:00 PM

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SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY RECORD

Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

Site #. B5KU

No: HWY7-02/07/08-0023

**Lab: Columbia Analytical Services
Lab Phone: 805-526-7161**

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SPECIAL INSTRUCTIONS: _____

Page 1 of 1

CHAIN OF CUSTODY RECORD

Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

Site #: B5KU

No: HWY7-02/07/08-0024

**Lab: Columbia Analytical Services
Lab Phone: 805-526-7161**

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(29)	41156	0049	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00799	FC00647	-5.5	4.9	L	2/6/2008	2/7/2008	6:28:00 PM
(30)	41157	0049	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01270	FC00559	-7	4.6	L	2/6/2008	2/7/2008	6:26:00 PM
(31)	41158	Trip-Blank			TO-15	Air	Summa Canister	AC01281		-29.5	0	L		2/7/2008	5:00:00 PM

082

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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CHAIN OF CUSTODY RECORD

No: HWY7-02/08/08-0025

Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

Site #: B5KU

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(1)	41159	0065	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01335	FC00490	-6	4.8	L	2/7/2008	2/8/2008	8:50:00 AM
(2)	41160	0065	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01085	FC00601	-8.5	4.3	L	2/7/2008	2/8/2008	8:50:00 AM
(3)	41161	0065	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00782	FC00626	-6.5	4.7	L	2/7/2008	2/8/2008	8:48:00 AM
(4)	41162	0065	Ambient		TO-15	Air	Summa Canister	AC01271	FC00098	-5	5	L	2/7/2008	2/8/2008	8:48:00 AM

SPECIAL INSTRUCTIONS: _____

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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/08/08-0026

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(5)	41163	0190	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00777	FC00611	-7	4.6	L	2/7/2008	2/8/2008	9:56:00 AM
(6)	41164	0190	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00909	FC00634	-7	4.6	L	2/7/2008	2/8/2008	9:54:00 AM
(7)	43161	0190	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC00628	FC00267	-3.5	5.3	L	2/7/2008	2/8/2008	9:54:00 AM
(8)	43162	0038	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00932	FC00547	-7	4.6	L	2/7/2008	2/8/2008	11:06:00 AM

SPECIAL INSTRUCTIONS: _____

Page

Hwy7&Wooddale Ave Study Area
 EPA Contract Number: EP-C-04-032
 WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/08/08-0027

Lab: Columbia Analytical Services
 Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(9)	43163	0038	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00119	FC00362	-5	5	L	2/7/2008	2/8/2008	11:06:00 AM
(10)	43164	0038	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC00669	FC00160	-8.5	4.3	L	2/7/2008	2/8/2008	11:06:00 AM
(11)	43165	0038	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01394	FC00368	-5.5	4.9	L	2/7/2008	2/8/2008	11:04:00 AM
(12)	43166	0169	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01463	FC00360	-8.5	4.3	L	2/7/2008	2/8/2008	12:56:00 PM
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Special Instructions:	SAMPLES TRANSFERRED FROM	
	CHAIN OF CUSTODY #	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
air/analyse + PLEDY	2/8/08	PLEDY					PLEDY		John Kib	2/14/08	09:27

085

Hwy 7 & Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KL

No: HWY7-02/08/08-0028

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(13)	43167	0169	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00855 805	FC00330	-8.5	4.3	L	2/7/2008	2/8/2008	12:56:00 PM
(4)	43168	0169	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01462	FC00283	-6	4.8	L	2/7/2008	2/8/2008	12:54:00 PM
(15)	43169	0299	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01013	FC00625	-8	4.4	L	2/7/2008	2/8/2008	3:17:00 PM
(14)	43170	0299	Sub-slab	Port 2	TO-15	Air	Summa Canister	AC00939	FC00510	-9.5	4.1	L	2/7/2008	2/8/2008	3:19:00 PM

Special Instructions

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Hwy7&Wooddale Ave Study Area
 EPA Contract Number: EP-C-04-032
 WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/08/08-0029

Lab: Columbia Analytical Services
 Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(17)	43171	0299	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01191	FC00656	-4.5	5.1	L	2/7/2008	2/8/2008	3:17:00 PM
(16)	43172	0299	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00740	FC00355	-4	5.2	L	2/7/2008	2/8/2008	3:25:00 PM
(14)	43173	0299	FirstFloor	FF 2	TO-15	Air	Summa Canister	AC01378	FC00661	-6	4.8	L	2/7/2008	2/8/2008	3:20:00 PM
(19)	43174	0170	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01415	FC00605	-7.5	4.5	L	2/7/2008	2/8/2008	3:35:00 PM
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Page 1 of 1

CHAIN OF CUSTODY RECORD

No: HWY7-02/08/08-0030

Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

Site #: B5KU

Lab: Columbia Analytical Services
Lab Phone: 805-526-7181

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
21	43175	0170	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01316	FC00053	-15	3	L	2/7/2008	2/8/2008	3:35:00 PM
21	43176	0170	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC01207	FC00535	-10.5	3.9	L	2/7/2008	2/8/2008	3:35:00 PM
23	43177	0170	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00896	FC00174	-7	4.6	L	2/7/2008	2/8/2008	3:33:00 PM
24	43184	Trip-Blank			TO-15	Air	Summa Canister	AC00831		-28.5	0	L		2/8/2008	5:00PM

SPECIAL INSTRUCTIONS: _____

Page

Hwy 7 & Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/09/08-0031

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(25)	43178	.0082	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01212	FC00094	-3	5.4	L	2/7/2008	2/8/2008	5:39:00 PM
(26)	43179	.0082	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01127	FC00557	-10.5	3.9	L	2/7/2008	2/8/2008	5:39:00 PM
(27)	43180	.0082	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01197	FC00243	-6.5	4.7	L	2/7/2008	2/8/2008	5:38:00 PM
(28)	43181	.0018	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00638	FC00523	-5	5	L	2/7/2008	2/8/2008	6:00:00 PM

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy7&Wooddale Ave Study Area
 EPA Contract Number: EP-C-04-032
 WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/09/08-0032

Lab: Columbia Analytical Services
 Lab Phone: 805-526-7181

Lab #	Sample #	Location	Sub Location	Sub Sub Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(24)	43182	0018	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00980	FC00654	-4	5.2	L	2/7/2008	2/8/2008	6:00:00 PM
(30)	43183	0018	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00327	FC00688	-5	5	L	2/7/2008	2/8/2008	6:05:00 PM
(31)	43185	0121	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01314	FC00319	-6	4.8	L	2/7/2008	2/8/2008	6:28:00 PM
(32)	43186	0121	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00876	FC00326	-6.5	4.7	L	2/7/2008	2/8/2008	6:28:00 PM
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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: FAC00289

CHAIN OF CUSTODY RECORD

No: HWY7-02/09/08-0033

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(33)	43187	0121	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01079	FC00397	-5.5	4.9	L	2/7/2008	2/8/2008	6:27:00 PM
(34)	43188	0107	Sub-slab	B Port 1	TO-15	Air	Summa Canister	AC01065	FC00159	-4.5	5.9	L	2/8/2008	2/9/2008	8:50:00 AM
(35)	43189	0107	GroundFloor	B GF 1	TO-15	Air	Summa Canister	AC01125	FC00414	-5	5	L	2/8/2008	2/9/2008	8:50:00 AM
(36)	43190	0107	FirstFloor	B FF 1	TO-15	Air	Summa Canister	AC01210	FC00065	-4	5.2	L	2/8/2008	2/9/2008	8:49:00 AM

Special Instructions: PLEASE ANALYZE SAMPLE 43187 FOR 5 DAY TURNAROUND TIME.

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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KL

No: HWY7-02/09/08-0034

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample_Media	Pump #	OrificeID	Stop_Pressure	Volume	Vol_Units	Start_Date	Stop_Date	Stop_Time
(37)	43191	0107	Sub-slab	A Port 1	TO-15	Air	Summa Canister	AC01269	FC00549	-8	4.4	L	2/8/2008	2/9/2008	8:59:00 AM
(38)	43192	0107	GroundFloor	A GF 1	TO-15	Air	Summa Canister	AC01119	FC00385	-7	4.6	L	2/8/2008	2/9/2008	8:59:00 AM
(39)	43193	0107	FirstFloor	A FF 1	TO-15	Air	Summa Canister	AC01434	FC00295	-6	4.8	L	2/8/2008	2/9/2008	8:58:00 AM
(40)	43194	0052	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01258	FC00332	-7	4.6	L	2/8/2008	2/9/2008	10:30:00 AM

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SPECIAL INSTRUCTIONS: _____

Page

CHAIN OF CUSTODY RECORD

No: HWY7-02/09/08-0035

Hwy7 & Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

Site #: B5KU

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(41)	43195	0052	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01151	FC00345	-4	5.2	L	2/8/2008	2/9/2008	10:30:00 AM
(47)	43196	0052	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC01220	FC00541	-3.5	5.3	L	2/8/2008	2/9/2008	10:30:00 AM
(41)	43205	0052	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01301	FC00468	-4	5.2	L	2/8/2008	2/9/2008	10:28:00 AM
(44)	43206	0052	Ambient		TO-15	Air	Summa Canister	AC00851	FC00544	-1.5	5.7	L	2/8/2008	2/9/2008	10:27:00 AM

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SPECIAL INSTRUCTIONS: _____

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Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/09/08-0036

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(45)	43207	0069	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00383	FC00492	-8	4.4	L	2/8/2008	2/9/2008	10:46:00 AM
(46)	43208	0069	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00808	FC00223	-3	5.4	L	2/8/2008	2/9/2008	10:46:00 AM
(47)	43209	0069	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC00891	FC00197	-9.5	4.1	L	2/8/2008	2/9/2008	10:46:00 AM

SPECIAL INSTRUCTIONS: _____

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

90800270

No: HWY7-02/11/08-0037

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
1	43210	0009	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01231	FC00621	-5	5	L	2/8/2008	2/9/2008	1:17:00 PM
2	43211	0009	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01468	FC00256	-2.5	5.5	L	2/8/2008	2/9/2008	1:17:00 PM
3	43212	0009	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00993	FC00529	-3	5.4	L	2/8/2008	2/9/2008	1:15:00 PM
4	43213	0293	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00871	FC00257	-6.5	4.7	L	2/8/2008	2/9/2008	1:52:00 PM

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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13243

Page 1 of 1

90806270

No: HWY7-02/11/08-0038

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

CHAIN OF CUSTODY RECORD

Site #: B5KU

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
-4.4	(5) 43214	0293	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01391	FC00580	-1	5.8	L	2/8/2008	2/9/2008	1:52:00 PM
-5.6	(6) 43215	0223	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01504	FC00516	-6.5	4.7	L	2/8/2008	2/9/2008	1:47:00 PM
-6.7	(7) 43216	0223	Sub-slab	Port 2	TO-15	Air	Summa Canister	AC00991	FC00113	-7.5	4.5	L	2/8/2008	2/9/2008	1:45:00 PM
-4.5	(8) 43217	0223	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01167	FC00236	-1	5.8	L	2/8/2008	2/9/2008	1:45:00 PM
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No: HWY7-02/11/08-0039

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(9)	43218	0045 0116	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01454	FC00526	-4	5.2	L	2/8/2008	2/9/2008	3:05:00 PM
(10)	43219	0045 0116	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00824	FC00356	-6	4.8	L	2/8/2008	2/9/2008	3:05:00 PM
(11)	43220	0045 0116	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01060	FC00253	-8.5	4.3	L	2/8/2008	2/9/2008	3:03:00 PM
(12)	43669	0085	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01386	FC00388	-9.5	4.1	L	2/8/2008	2/9/2008	5:24:00 PM
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P0800273

No: HWY7-02/11/08-0040

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(13)	43670	0085	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00664	FC00412	-4	5.2	L	2/8/2008	2/9/2008	5:24:00 PM
(14)	43671	0085	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00316	FC00522	-5	5	L	2/8/2008	2/9/2008	5:23:00 PM
(15)	43672	0093	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00803	FC00287	-6.5	4.7	L	2/8/2008	2/9/2008	5:16:00 PM
(16)	43673	0093	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00886	FC00514	-5	5	L	2/8/2008	2/9/2008	5:16:00 PM

Page 1 of 1

P0800270

No: HWY7-02/11/08-0041

Hwy7&Wooddale Ave Study Area
 EPA Contract Number: EP-C-04-032
 WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

Lab: Columbia Analytical Services
 Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(17)	43674	0093	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01428	FC00405	-7	4.6	L	2/8/2008	2/9/2008	5:15:00 PM
(18)	43675	Trip-Blank	—	—	TO-15	Air	Summa Canister	AC01176	—	-28	0	L	—	2/9/2008	5:53:00 PM

099

Special Instructions:	SAMPLES TRANSFERRED FROM	
	CHAIN OF CUSTODY #	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
stu/analysis	D. S.	2/1/08	ultimare	2/1/08	04:58						

Hwy 7 & Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

W# EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

PC800L-W

No: HWY7-02/12/08-0042

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(1)	43676 ✓	0003	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01177	FC00352 ✓	-7.5	4.5	L	2/11/2008	2/12/2008	10:41:00 AM
(2)	43677 ✓	0003	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01014	FC00553 ✓	-6	4.8	L	2/11/2008	2/12/2008	10:41:00 AM
(3)	43678 ✓	0003	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC00557	FC00439 ✓	-5	5	L	2/11/2008	2/12/2008	10:45:00 AM
(4)	43679 ✓	0003	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01135	FC00303 ✓	-2.5	5.5	L	2/11/2008	2/12/2008	10:39:00 AM
<i>T094006</i>															

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Analyses	<i>R. S. S.</i>	2/12/08	<i>C. H. Cunn</i>	2/13/08	0945						

13179, 13118, 13180

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/12/08-0043

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(5)	43680	0003	FirstFloor	FF 2	TO-15	Air	Summa Canister	AC00765	FC00189	-4	5.2	L	2/11/2008	2/12/2008	10:35:00 AM
(6)	43681	0004	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00742	FC00351	-6.5	4.7	L	2/11/2008	2/12/2008	11:02:00 AM
(7)	43682	0004	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01320	FC00276	-5	5	L	2/11/2008	2/12/2008	11:02:00 AM
(8)	43683	0004	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC00436	FC00220	-3.5	5.3	L	2/11/2008	2/12/2008	11:02:00 AM

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SPECIAL INSTRUCTIONS: _____

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Hwy7&Wooddale Ave Study Area
 EPA Contract Number: EP-C-04-032
 WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/12/08-0044

Lab: Columbia Analytical Services
 Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OfficeID	Stop Pressure	Volume Vol Units	Start Date	Stop Date	Stop Time
(9)	43684	0105	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00970	FC00421	-9.5	4.1 L	2/11/2008	2/12/2008	12:34:00 PM
(10)	43685	0105	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01033	FC00066	-7.5	4.5 L	2/11/2008	2/12/2008	12:34:00 PM
(11)	43686	0105	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01507	FC00622	-7.5	4.5 L	2/11/2008	2/12/2008	12:43:00 PM
(12)	43687	0105	Ambient		TO-15	Air	Summa Canister	AC00718	FC00464	-4.5	5.1 L	2/11/2008	2/12/2008	12:32:00 PM

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
ANALYSIS		2/12/08	RECEIVED 2/13/08 09:45								

0102

CHAIN OF CUSTODY RECORD

Hwy7&Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

Site #: B5KU

No: HWY7-02/12/08-0045

**Lab: Columbia Analytical Services
Lab Phone: 805-526-7161**

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
13	43688	0060	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00884	FC00409	-8	4.4	L	2/11/2008	2/12/2008	1:37:00 PM
14	43689	0060	Sub-slab	Port 2	TO-15	Air	Summa Canister	AC00545	FC00310	-7.5	4.5	L	2/11/2008	2/12/2008	1:36:00 PM
15	43690	0060	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00976	FC00556	-3	5.4	L	2/11/2008	2/12/2008	1:36:00 PM
16	43691	0320	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01500	FC00511	-6	4.8	L	2/11/2008	2/12/2008	1:54:00 PM

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SPECIAL INSTRUCTIONS: _____

Hwy 7 & Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KL

No: HWY7-02/12/08-0046

Lab: Columbia Analytical Services
Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(17)	43692	0320	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00540	FC00213	-10	4	L	2/11/2008	2/12/2008	1:54:00 PM
(18)	43693	0320	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01206	FC00167	-6	4.8	L	2/11/2008	2/12/2008	1:53:00 PM
(19)	43694	0320	FirstFloor	FF 2	TO-15	Air	Summa Canister	AC01101	FC00496	-3.9	5.2	L	2/11/2008	2/12/2008	2:39:00 PM
(20)	43714	Trip-Blank			TO-15	Air	Summa Canister	AC00455		-28.5	0	L		2/12/2008	2:37:00 PM

Special Instructions:

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Page 1

Hwy7&Wooddale Ave Study Area
 EPA Contract Number: EP-C-04-032
 WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: 85KU

No: HWY7-02/12/08-0047

Lab: Columbia Analytical Services
 Lab Phone: 805-526-7181

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(21)	43695	0294	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00796	FC00579	-8.5	4.3	L	2/11/2008	2/12/2008	3:18:00 PM
(21)	43696	0294	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00915	FC00457	-6	4.9	L	2/11/2008	2/12/2008	3:18:00 PM
(23)	43697	0112	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01384	FC00501	-4.5	5.1	L	2/11/2008	2/12/2008	3:32:00 PM
(24)	43698	0112	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01492	FC00582	-5.5	4.9	L	2/11/2008	2/12/2008	3:32:00 PM
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Page 1

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KU

No: HWY7-02/12/08-0048

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub_Location	Sub_Sub_Location	Analyses	Matrix	Sample_Media	Pump #	OrificeID	Stop_Pressure	Volume	Vol_Units	Start_Date	Stop_Date	Stop_Time
(25)	43699	0112	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC00425	FC00389	-9	4.2	L	2/11/2008	2/12/2008	3:32:00 PM
(26)	43700	0112	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01424	FC00566	-6.5	4.7	L	2/11/2008	2/12/2008	3:30:00 PM
(27)	43701	0103	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01124	FC00373	-8.5	4.3	L	2/11/2008	2/12/2008	3:44:00 PM
(28)	43702	0103	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00614	FC00196	-7.5	4.5	L	2/11/2008	2/12/2008	3:44:00 PM

Special Instructions:	SAMPLES TRANSFERRED FROM	
	CHAIN OF CUSTODY #	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Analyses		2/12/08	WA: Columbia Analytical Services	2/12/08	0948						

0106

Page

Hwy7&Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KL

No: HWY7-02/12/08-0049

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(24)	43703	0103	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC01312	FC00361	-9.5	4.1	L	2/11/2008	2/12/2008	3:44:00 PM
(25)	43704	0162	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01449	FC00291	-8	4.4	L	2/11/2008	2/12/2008	4:33:00 PM
(26)	43705	0162	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC01023	FC00212	-5	5	L	2/11/2008	2/12/2008	4:33:00 PM
(27)	43706	0162	GroundFloor	GF 2	TO-15	Air	Summa Canister	AC01361	FC00606	-6.5	4.7	L	2/11/2008	2/12/2008	4:33:00 PM

4010

Special Instructions:	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Hwy 7 & Wooddale Ave Study Area
EPA Contract Number: EP-C-04-032
WA#: EAC00289

CHAIN OF CUSTODY RECORD

Site #: B5KL

No: HWY7-02/12/08-0050

**Lab: Columbia Analytical Services
Lab Phone: 805-526-7161**

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
33	43707	0162	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00781	FC00671	-7	4.6	L	2/11/2008	2/12/2008	4:32:00 PM
34	43708	0045	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC01381	FC00614	-3.5	5.3	L	2/11/2008	2/12/2008	4:52:00 PM
35	43709	0045	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00661	FC00672	-4	5.2	L	2/11/2008	2/12/2008	4:51:00 PM
36	43710	0045	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00595	FC00602	-4.5	5.1	L	2/11/2008	2/12/2008	4:50:00 PM

Special Instructions:

PLEASE ANALYZE SAMPLES 43708, 43709 -
43710 FOR 5 DAY TURNAROUND TIME

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

0289

Hwy 7 & Wooddale Ave Study Area

EPA Contract Number: EP-C-04-032

WRI: EAC00289

AR0409

P08002.0

No: HWY7-02/12/08-0051

Lab: Columbia Analytical Services

Lab Phone: 805-526-7161

CHAIN OF CUSTODY RECORD

Site #: B5KU

Lab #	Sample #	Location	Sub Location	Sub_Sub_Location	Analyses	Matrix	Sample Media	Pump #	OrificeID	Stop Pressure	Volume	Vol Units	Start Date	Stop Date	Stop Time
(31)	43711 ✓	0209	Sub-slab	Port 1	TO-15	Air	Summa Canister	AC00554	FC00685 ✓	-9	4.2	L	2/11/2008	2/12/2008	5:05:00 PM - 07.5
(35)	43712 ✓	0209	GroundFloor	GF 1	TO-15	Air	Summa Canister	AC00741	FC00341 ✓	-5.5	4.9	L	2/11/2008	2/12/2008	5:05:00 PM - 05.9
(34)	43713 ✓	0209	FirstFloor	FF 1	TO-15	Air	Summa Canister	AC00910	FC00537 ✓	-5.8	4.8	L	2/11/2008	2/12/2008	5:05:00 PM - 06.1

T094-0109

Special Instructions:

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
ANALYSIS	D. S.	2/12/08	J. L. Tamm	2/12/08	0945						